

Converting Colors

XYZ(82.8600, 91.1356,
100.0033)

Have a look what the booklet for
XYZ(82.8600, 91.1356, 100.0033)
contains.

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Color

**XYZ(82.6702, 91.0019,
99.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F9F5
RGB	229, 249, 245
RGB Percent	90%, 98%, 96%
CMY	0.1020, 0.0235, 0.0392
CMYK	0.08, 0.00, 0.02, 0.02
HSL	168°, 63%, 94%
HSV	168°, 8%, 98%
XYZ	82.6702, 91.0019, 99.5941
YIQ	242.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

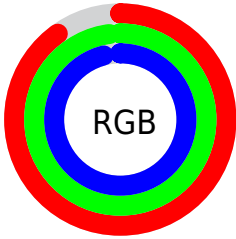
Format	Color
R _Y B	229, 240, 249
Decimal	15071733
CIE Lab	96.41, -7.25, -0.33
CIE LCh	96, 7.257, 182.614
Yxy	91.0019, 0.3025, 0.3330
Android (android.graphics.Color)	4293261813 (0xFFE5F9F5)
YUV	242.5640, 1.2009, -11.8956
Hunter-Lab	95.3949, -12.2512, 4.8766

Details

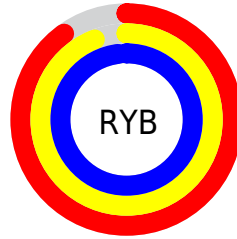
The XYZ color **82.6702, 91.0019, 99.5941** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7975, 82.0640, 88.6238**, and the grayscale version is **84.8440, 89.2625, 97.2068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4889, 50.6983, 55.5323** is the 20% darker color. If you saturate the color by 10%, you get **74.5378, 86.8988, 95.2965**, and if you desaturate by 10%, it is **91.9678, 95.7084, 104.0570**.

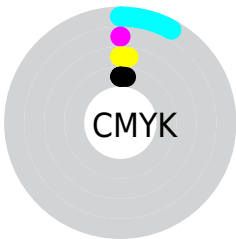
Distribution



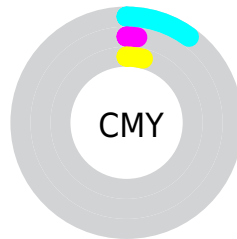
- Red (90%)
- Green (98%)
- Blue (96%)



- Red (90%)
- Yellow (94%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6702, 91.0019, 99.5941 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.6702, 91.0019, 99.5941 by changing the saturation by 10% instead.

82.6702, 91.0019,
99.5941

82.6702, 91.0019,
99.5941

492.4873,
531.2846, 580.1261

62.2341, 68.8119,
75.3466

136.0444,
148.7293, 162.6463

45.4782, 50.5585,
55.3934

169.7132,
185.0355, 202.2880

32.0371, 35.8574,
39.3161

208.5236,
226.8159, 247.8983

21.5456, 24.3241,
26.6960

252.8410,
274.4549, 299.8956

13.6381, 15.5742,
17.1146

303.0307,
328.3369, 358.6985

7.9494, 9.2234,
10.1534

359.4581,

4.1141, 4.8872,

388.8462, 424.7255

5.3939

422.4885,
456.3673, 498.3952

■ 1.7669, 2.1812,
2.4174

■ 0.4976, 0.7097,
0.7959

■ 82.6702, 91.0019,
99.5941

■ 82.6702, 91.0019,
99.5941

■ 74.5378, 86.8988,
95.2965

■ 91.9678, 95.7084,
104.0570

■ 67.5145, 83.3625,
91.1551

■ 93.1625, 96.2328,
108.2466

■ 61.5510, 80.3702,
87.1686

■ 93.1674, 96.2347,
108.2725

■ 56.5911, 77.8931,
83.3336

■ 52.5736, 75.8994,
79.6464

■ 49.4302, 74.3541,
76.1027

■ 47.0835, 73.2173,
72.6983

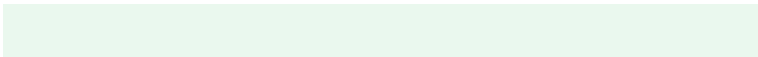
■ 45.4421, 72.4418,
69.4278

■ 44.3811, 71.9633,
66.2846

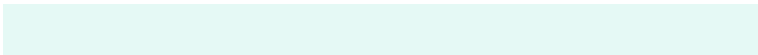
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0896, 91.0019, 94.0538



82.6702, 91.0019, 99.5941



83.2623, 91.0019, 105.2062

Triad

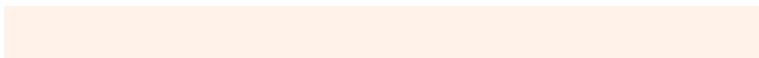
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6702, 91.0019, 99.5941



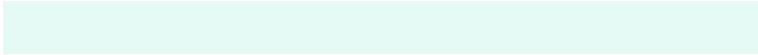
88.6061, 91.0019, 108.7592



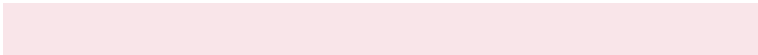
88.2945, 91.0019, 89.5280

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



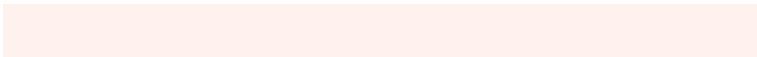
82.6702, 91.0019, 99.5941



81.7975, 82.0640, 88.6238

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8095, 91.0019, 93.2071



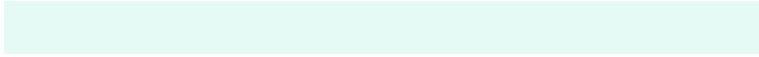
82.6702, 91.0019, 99.5941



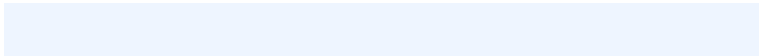
89.9913, 91.0019, 104.2938

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



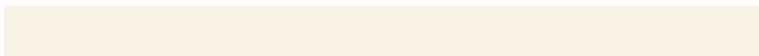
82.6702, 91.0019, 99.5941



86.6719, 91.0019, 110.6249



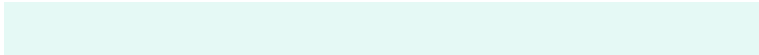
90.4351, 91.0019, 98.5788



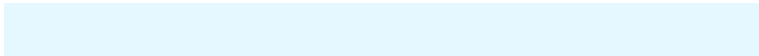
86.3174, 91.0019, 88.3780

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6702, 91.0019, 99.5941



84.1563, 91.0019, 108.1947



90.4351, 91.0019, 98.5788



88.8757, 91.0019, 90.5027

Sweetspot

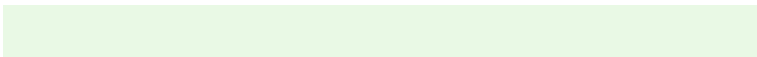
The Sweet Spot groups the original color and five complimentary colors.



82.6728, 91.0057, 99.5961



93.0346, 98.9799, 107.9501



81.7346, 90.7922, 87.3470



19.9343, 21.1965, 23.1158



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

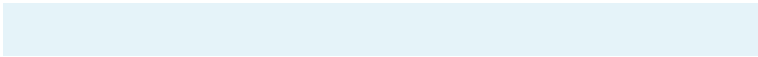
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6728, 91.0057, 99.5961



85.4719, 95.1560, 104.2192



81.5652, 87.8018, 102.2755



17.6082, 19.5455, 21.4032



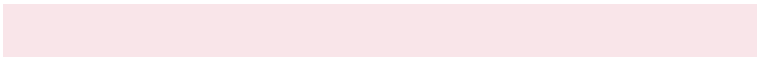
23.7135, 38.4984, 35.4300



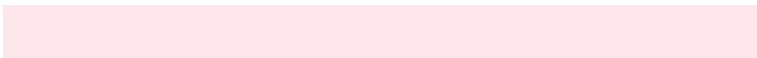
2.2328, 3.5802, 3.4736

Inverse Universe

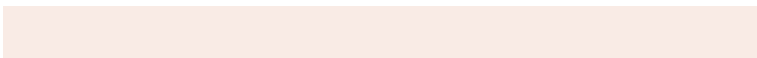
The Inverse Universe completely reimagines the original color for something new.



81.7975, 82.0640, 88.6238



84.3361, 83.5510, 89.9795



82.8258, 85.0256, 86.1764



17.3866, 17.2820, 18.6257



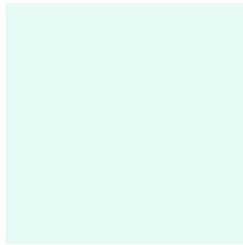
21.2580, 10.9189, 2.8014



2.0047, 1.0256, 0.4482

Previews

White Background



This preview shows how the XYZ color 82.6702, 91.0019, 99.5941 looks on a white background.

Color Contrast Check

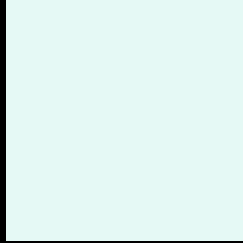
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.6702, 91.0019, 99.5941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

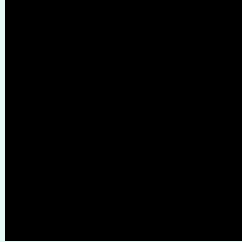
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

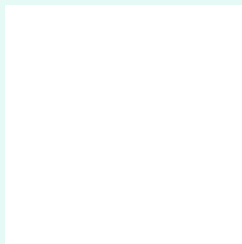
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6702, 91.0019, 99.5941

Background



This preview shows how black text looks on a background with the XYZ color 82.6702, 91.0019, 99.5941.



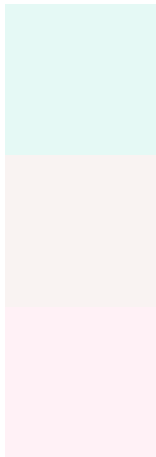
This preview shows how white text looks on a background with the XYZ color 82.6702, 91.0019,

99.5941.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.6702, 91.0019, 99.5941

Protanopia

87.1445, 90.6517, 96.9089

Deuteranopia

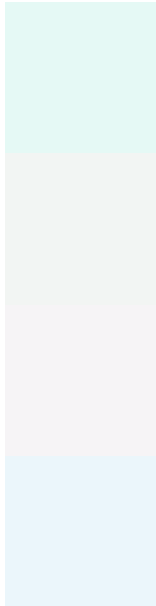
89.3298, 90.8244, 100.0115



Tritanopia

86.2990, 90.8755, 107.6000

Trichromacy



Original Color

82.6702, 91.0019, 99.5941

Protanomaly

85.4480, 90.6531, 97.7882

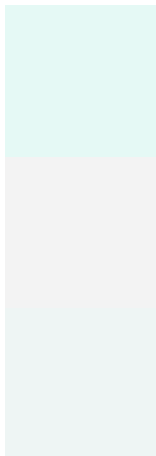
Deuteranomaly

86.9913, 90.9480, 100.1586

Tritanomaly

84.6293, 90.5387, 104.2821

Monochromacy



Original Color

82.6702, 91.0019, 99.5941

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.2414, 90.0136, 98.5223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6702, 91.0019, 99.5941 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 249, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 249, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 249, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.6702, 91.0019, 99.5941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 249, 245) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(229, 249, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(229, 249, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 249, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 249, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 249,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6702, 91.0019, 99.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 249, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
249, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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