

Converting Colors

XYZ(82.5788, 91.1866, 91.8269)

Have a look what the booklet for
XYZ(82.5788, 91.1866, 91.8269)
contains.

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Color

**XYZ(82.4754, 91.0732,
91.8292)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F9EB
RGB	233, 249, 235
RGB Percent	91%, 98%, 92%
CMY	0.0863, 0.0235, 0.0784
CMYK	0.06, 0.00, 0.06, 0.02
HSL	127°, 57%, 95%
HSV	127°, 6%, 98%
XYZ	82.4754, 91.0732, 91.8292
YIQ	242.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

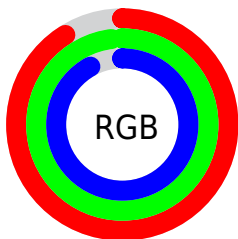
Format	Color
R _{YB}	233, 247, 249
Decimal	15333867
CIE Lab	96.44, -7.75, 4.90
CIE LCh	96, 9.171, 147.687
Yxy	91.0732, 0.3108, 0.3432
Android (android.graphics.Color)	4293523947 (0xFFE9F9EB)
YUV	242.6200, -3.7567, -8.4367
Hunter-Lab	95.4323, -12.7415, 9.7511

Details

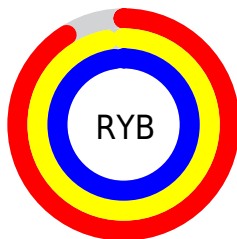
The XYZ color **82.4754, 91.0732, 91.8292** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.9977, 85.1353, 99.9532**, and the grayscale version is **84.9234, 89.3461, 97.2979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3381, 50.7417, 50.0524** is the 20% darker color. If you saturate the color by 10%, you get **71.9556, 85.9944, 75.8988**, and if you desaturate by 10%, it is **93.1675, 96.2349, 108.2725**.

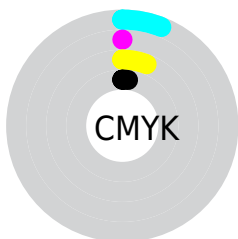
Distribution



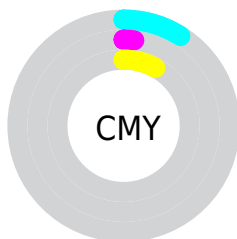
- Red (91%)
- Green (98%)
- Blue (92%)



- Red (91%)
- Yellow (97%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)




- Cyan (9%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4754, 91.0732, 91.8292 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 82.4754, 91.0732, 91.8292 by changing the saturation by 10% instead.

 82.4754, 91.0732,
91.8292

 82.4754, 91.0732,
91.8292


491.8469,
531.5158, 554.6863

 62.0729, 68.8711,
68.9165

135.7728,
148.8282, 151.8343

 45.3474, 50.6067,
50.1724

169.3985,
185.1499, 189.7638

 31.9336, 35.8957,
35.1783


208.1626,
226.9470, 233.5360

 21.4661, 24.3537,
23.5156

252.4304,
274.6037, 283.5694

 13.5795, 15.5962,
14.7658

302.5674,
328.5046, 340.2826

 7.9085, 9.2389,
8.5104

358.9390,

 4.0878, 4.8973,

389.0339, 404.0941

4.3308

421.9103,
456.5762, 475.4225

■ 1.7519, 2.1871,
1.8085

■ 0.4884, 0.7130,
0.4336

■ 82.4754, 91.0732,
91.8292

■ 82.4754, 91.0732,
91.8292

■ 71.9556, 85.9944,
75.8988

■ 93.1675, 96.2349,
108.2725

■ 62.9044, 81.6271,
61.9756

■ 55.2584, 77.9430,
49.9819

■ 48.9467, 74.9073,
39.8323

■ 43.8923, 72.4823,
31.4355

■ 40.0102, 70.6262,
24.6921

■ 37.2046, 69.2920,
19.4928

■ 35.3645, 68.4252,
15.7150

■ 34.3534, 67.9582,
13.2177

Harmonies

Analogous

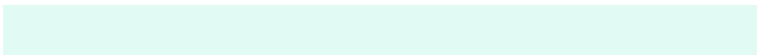
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2991, 91.0732, 87.2162



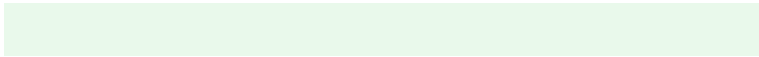
82.4754, 91.0732, 91.8292



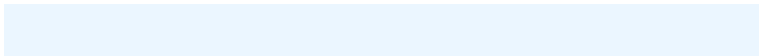
81.7446, 91.0732, 98.5965

Triad

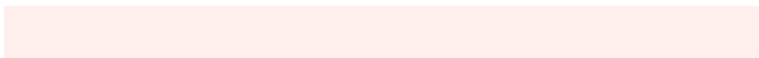
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4754, 91.0732, 91.8292



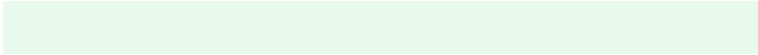
86.3642, 91.0732, 113.9001



90.9869, 91.0732, 92.7668

Complementary

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



82.4754, 91.0732, 91.8292



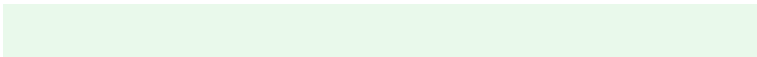
84.9977, 85.1353, 99.9532

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.



91.5657, 91.0732, 99.7322



82.4754, 91.0732, 91.8292



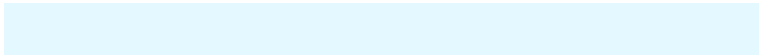
88.8657, 91.0732, 112.1543

Square

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



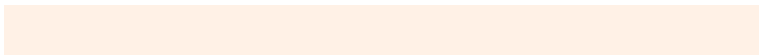
82.4754, 91.0732, 91.8292



83.9621, 91.0732, 111.5390



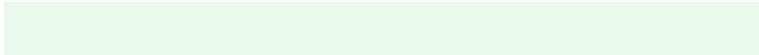
90.7821, 91.0732, 106.8777



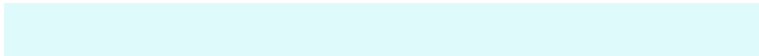
89.2157, 91.0732, 87.7385

Rectangle

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



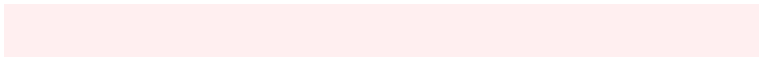
82.4754, 91.0732, 91.8292



81.9646, 91.0732, 103.5008



90.7821, 91.0732, 106.8777



91.3289, 91.0732, 94.9486

Sweetspot

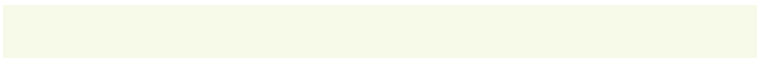
The Sweet Spot groups the original color and five complimentary colors.



82.4779, 91.0771, 91.8312



92.4882, 98.7614, 105.0731



86.9923, 93.4376, 90.5423



19.8231, 21.1520, 22.5301



0.0000, 0.0000, 0.0000



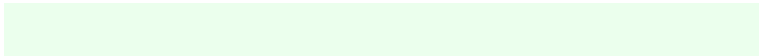
20.3446, 21.4041, 23.3091

Same Dimension

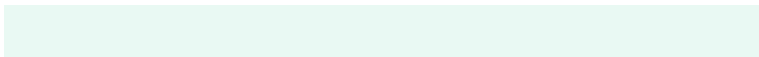
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4779, 91.0771, 91.8312



85.1969, 95.2373, 94.1276



83.6404, 91.5421, 97.9529



17.1056, 19.3445, 18.7568



18.2937, 36.3305, 6.8899



1.7213, 3.3756, 0.7805

Inverse Universe

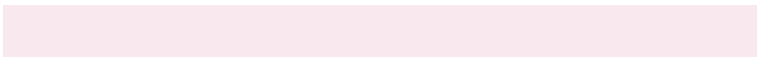
The Inverse Universe completely reimagines the original color for something new.



84.9977, 85.1353, 99.9532



88.4761, 87.5047, 104.6972



83.8085, 84.6597, 93.6910



17.8942, 17.4850, 21.2985



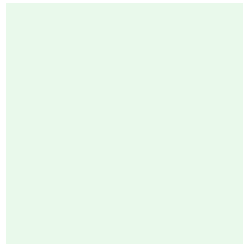
27.7142, 13.5014, 36.7988



2.5922, 1.2606, 3.5418

Previews

White Background



This preview shows how the XYZ color 82.4754, 91.0732, 91.8292 looks on a white background.

Color Contrast Check

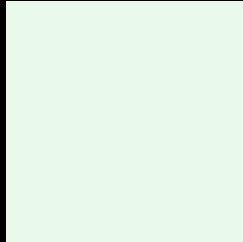
Large Text (above 18pt) WCAG AA × Fail

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 82.4754, 91.0732, 91.8292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

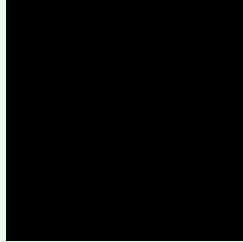
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

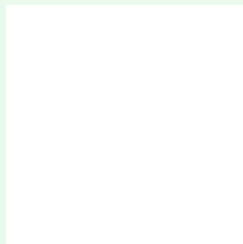
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4754, 91.0732, 91.8292

Background



This preview shows how black text looks on a background with the XYZ color 82.4754, 91.0732, 91.8292.



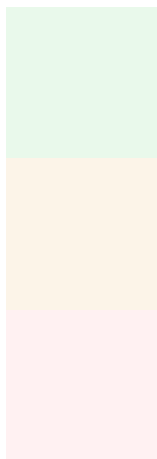
This preview shows how white text looks on a background with the XYZ color 82.4754, 91.0732,

91.8292.

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

82.4754, 91.0732, 91.8292

Protanopia

87.0611, 91.2230, 89.3631

Deuteranopia

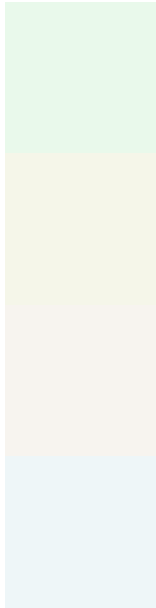
88.7223, 90.5814, 96.8122



Tritanopia

86.9780, 91.2256, 107.6318

Trichromacy



Original Color

82.4754, 91.0732, 91.8292

Protanomaly

85.3199, 91.2072, 90.1987

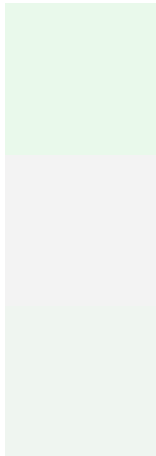
Deuteranomaly

86.2884, 90.7075, 94.6218

Tritanomaly

85.1589, 90.8660, 101.8575

Monochromacy



Original Color

82.4754, 91.0732, 91.8292

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.9772, 89.9468, 95.3735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4754, 91.0732, 91.8292 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(233, 249, 235)` looks like.

```
.text, #text, p{  
    color:rgb(233, 249, 235)  
}
```

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(233, 249, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 249, 235) }
```

Border

The CSS property to change the border of an element to XYZ 82.4754, 91.0732, 91.8292 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(233, 249, 235) }
```


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

```
.border{ border-color:rgb(233, 249, 235) }
```

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

Here you see how a box with a 4 pixel rgb(233, 249, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 249, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 249, 235);  
box-shadow:4px 4px 4px 4px rgb(233, 249,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4754, 91.0732, 91.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 249, 235) }
```

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

```
.background{ background-color: rgb(233,  
249, 235) }
```

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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