

Converting Colors

XYZ(90.9349, 111.5208,
83.0814)

Have a look what the booklet for
XYZ(90.9349, 111.5208, 83.0814)
contains.

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Color

**XYZ(82.0192, 93.9056,
80.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFDA
RGB	233, 255, 218
RGB Percent	91%, 100%, 85%
CMY	0.0863, 0.0000, 0.1451
CMYK	0.09, 0.00, 0.15, 0.00
HSL	96°, 100%, 93%
HSV	96°, 15%, 100%
XYZ	82.0192, 93.9056, 80.1324
YIQ	244.2040, -1.2350, -16.1710

Conversions

Conversions Part 2

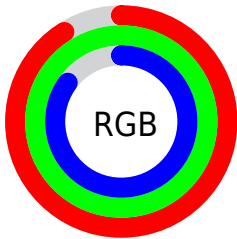
Format	Color
R _Y B	218, 255, 240
Decimal	15335386
CIE Lab	97.59, -13.60, 15.28
CIE LCh	98, 20.460, 131.678
Yxy	93.9056, 0.3203, 0.3667
Android (android.graphics.Color)	4293525466 (0xFFE9FFDA)
YUV	244.2040, -12.9186, -9.8259
Hunter-Lab	96.9049, -18.5032, 18.8055

Details

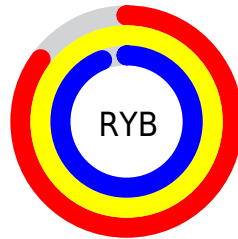
The XYZ color **82.0192, 93.9056, 80.1324** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **79.0574, 75.8893, 105.0891**, and the grayscale version is **86.2527, 90.7446, 98.8208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9364, 52.3796, 42.3922** is the 20% darker color. If you saturate the color by 10%, you get **74.1956, 90.2287, 63.6667**, and if you desaturate by 10%, it is **90.7830, 98.0078, 99.3247**.

Distribution



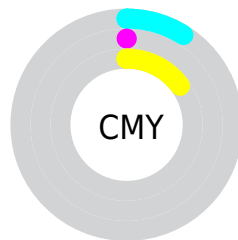
- Red (91%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0192, 93.9056, 80.1324 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 82.0192, 93.9056, 80.1324 by changing the saturation by 10% instead.


 82.0192, 93.9056,
80.1324

 82.0192, 93.9056,
80.1324


490.3454,
540.6554, 515.0974

 61.6955, 71.2244,
59.3005


135.1366,
152.7518, 135.3649

 45.0414, 52.5254,
42.4335


168.6611,
189.6856, 170.6027

 31.6914, 37.4240,
29.1128


207.3165,
232.1391, 211.4794

 21.2803, 25.5360,
18.9198

251.4682,
280.4966, 258.4137

 13.4427, 16.4768,
11.4361

301.4816,
335.1426, 311.8242

 7.8132, 9.8622,
6.2431

357.7220,

 4.0264, 5.3077,

396.4615, 372.1292

2.9223

420.5549,
464.8376, 439.7475

■ 1.7171, 2.4289,
1.0551

■ 0.4669, 0.8407,
0.0000

■ 82.0192, 93.9056,
80.1324

■ 82.0192, 93.9056,
80.1324

■ 74.1956, 90.2287,
63.6667

■ 90.7830, 98.0078,
99.3247

■ 67.2760, 86.9613,
49.7996

95.0500, 100.0000,
108.9000

■ 61.2249, 84.0880,
38.3993

■ 56.0034, 81.5917,
29.3207

■ 51.5688, 79.4541,
22.4035

■ 47.8745, 77.6550,
17.4670

■ 44.8672, 76.1716,
14.3012

■ 42.4839, 74.9771,
12.6484

■ 41.3971, 74.4260,
12.1838

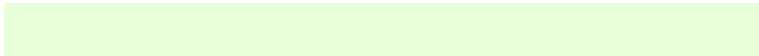
Harmonies

Analogous

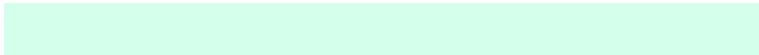
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0087, 93.9056, 73.9671



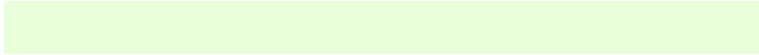
82.0192, 93.9056, 80.1324



79.0485, 93.9056, 92.5011

Triad

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



82.0192, 93.9056, 80.1324



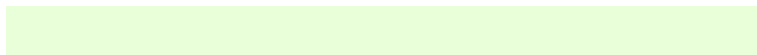
85.7832, 93.9056, 135.7837



100.6663, 93.9056, 95.8972

Complementary

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



82.0192, 93.9056, 80.1324



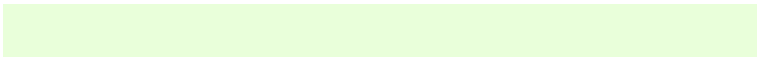
79.0574, 75.8893, 105.0891

Split Complementary

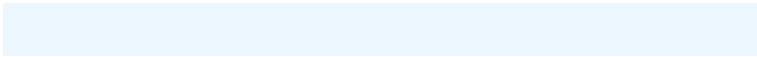
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.3031, 93.9056, 112.6550



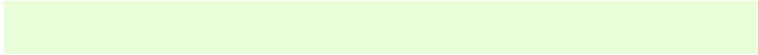
82.0192, 93.9056, 80.1324



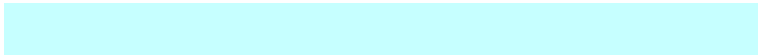
91.5385, 93.9056, 136.9482

Square

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



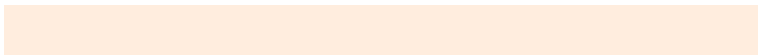
82.0192, 93.9056, 80.1324



81.1556, 93.9056, 125.0695



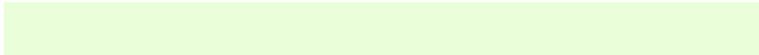
96.9032, 93.9056, 128.0970



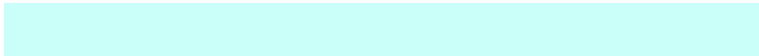
97.8750, 93.9056, 82.3853

Rectangle

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



82.0192, 93.9056, 80.1324



78.5309, 93.9056, 103.1885



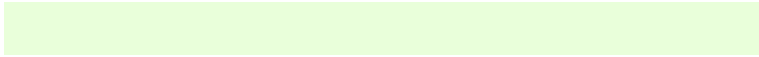
96.9032, 93.9056, 128.0970



100.9123, 93.9056, 101.3117

Sweetspot

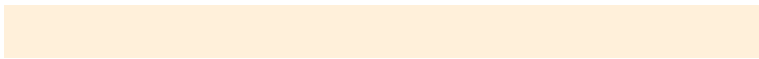
The Sweet Spot groups the original color and five complimentary colors.



82.0199, 93.9059, 80.1338



91.2547, 98.2282, 100.3765



84.9330, 88.3977, 78.9171



19.3832, 20.9552, 21.1525



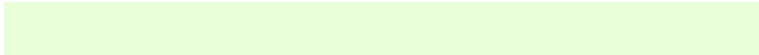
0.0000, 0.0000, 0.0000



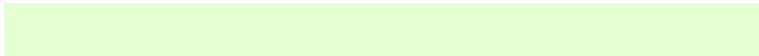
20.3446, 21.4041, 23.3091

Same Dimension

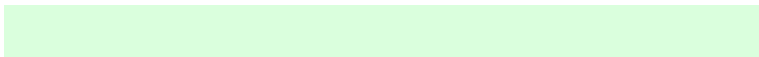
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0199, 93.9059, 80.1338



79.9843, 92.9508, 75.7818



77.7366, 91.6507, 82.0594



18.4687, 20.5276, 19.1331



21.7892, 38.9708, 6.3737



2.2414, 3.8562, 0.6262

Inverse Universe

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



79.0574, 75.8893, 105.0891



76.5734, 72.2100, 104.5098



83.8694, 78.4269, 102.7439



18.0387, 17.9117, 22.7565



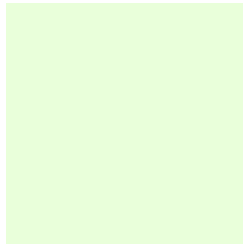
16.3340, 7.3310, 49.9887



1.7142, 0.7776, 4.8730

Previews

White Background



This preview shows how the XYZ color 82.0192, 93.9056, 80.1324 looks on a white background.

Color Contrast Check

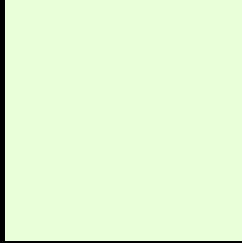
Large Text (above 18pt) WCAG AA × Fail

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 82.0192, 93.9056, 80.1324 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

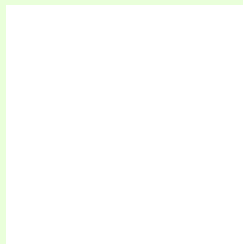
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0192, 93.9056, 80.1324

Background



This preview shows how black text looks on a background with the XYZ color 82.0192, 93.9056, 80.1324.



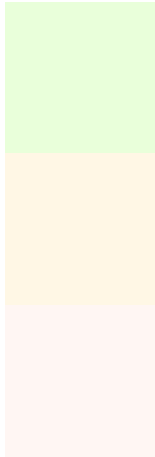
This preview shows how white text looks on a background with the XYZ color 82.0192, 93.9056,

80.1324.

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

82.0192, 93.9056, 80.1324

Protanopia

88.6436, 93.4387, 87.4922

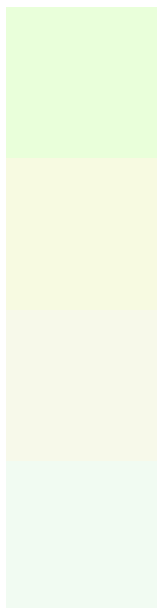
Deuteranopia

90.3734, 93.6426, 98.1057

Tritanopia

89.2736, 93.7673, 108.0014

Trichromacy



Original Color

82.0192, 93.9056, 80.1324

Protanomaly

86.1340, 93.5816, 84.7575

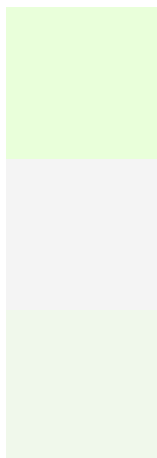
Deuteranomaly

87.0847, 93.4660, 91.2928

Tritanomaly

86.7998, 94.1059, 97.5938

Monochromacy



Original Color

82.0192, 93.9056, 80.1324

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.4980, 91.6582, 91.8355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0192, 93.9056, 80.1324 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, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 218)  
}
```

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, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 218) }
```

Border

The CSS property to change the border of an element to XYZ 82.0192, 93.9056, 80.1324 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, 255, 218) }
```


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

```
.border{ border-color:rgb(233, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0192, 93.9056, 80.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 218) }
```

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

```
.background{ background-color: rgb(233,  
255, 218) }
```

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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