

Converting Colors

XYZ(86.6034, 96.0480, 90.3229)

Have a look what the booklet for
XYZ(86.6034, 96.0480, 90.3229)
contains.

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Color

**XYZ(86.6011, 96.0470,
90.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFE8
RGB	241, 255, 232
RGB Percent	95%, 100%, 91%
CMY	0.0549, 0.0000, 0.0902
CMYK	0.05, 0.00, 0.09, 0.00
HSL	97°, 100%, 95%
HSV	97°, 9%, 100%
XYZ	86.6011, 96.0470, 90.3185
YIQ	248.1920, -0.9610, -10.1210

Conversions

Conversions Part 2

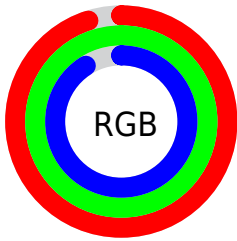
Format	Color
R_{YB}	232, 255, 246
Decimal	15859688
CIE _{Lab}	98.45, -8.59, 9.41
CIE _{LCh}	98, 12.745, 132.404
Yxy	96.0470, 0.3173, 0.3519
Android (android.graphics.Color)	4294049768 (0xFFFF1FFE8)
YUV	248.1920, -7.9827, -6.3074
Hunter-Lab	98.0036, -13.7743, 13.9618

Details

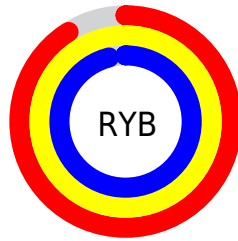
The XYZ color **86.6011, 96.0470, 90.3185** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.9134, 84.5273, 106.4477**, and the grayscale version is **89.4434, 94.1014, 102.4764**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0381, 53.8370, 48.9340** is the 20% darker color. If you saturate the color by 10%, you get **78.1627, 92.0854, 72.3674**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

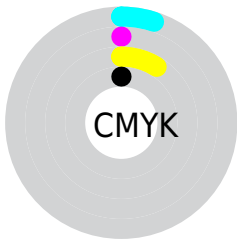
Distribution



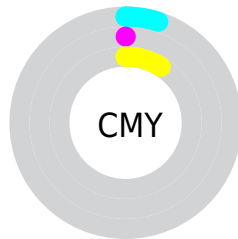
- Red (95%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6011, 96.0470, 90.3185 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 86.6011, 96.0470, 90.3185 by changing the saturation by 10% instead.


 86.6011, 96.0470,
90.3185

 86.6011, 96.0470,
90.3185


505.3154,
547.5114, 549.6632

 65.4921, 73.0067,
67.6696


141.5105,
155.7103, 149.7201

 48.1264, 53.9814,
49.1640


176.0416,
193.1021, 187.3099

 34.1386, 38.5868,
34.3831


215.7775,
236.0464, 230.7172

 23.1635, 26.4385,
22.9083

261.0835,
284.9278, 280.3603

 14.8357, 17.1519,
14.3212

312.3249,
340.1306, 336.6580

 8.7897, 10.3429,
8.2031

369.8671,

 4.6603, 5.6269,

402.0392, 400.0286

4.1355

434.0755,
471.0380, 470.8909

■ 2.0820, 2.6196,
1.7000

■ 0.6794, 0.9365,
0.3607

■ 86.6011, 96.0470,
90.3185

■ 86.6011, 96.0470,
90.3185

■ 78.1627, 92.0854,
72.3674

95.0500, 100.0000,
108.9000

■ 70.6671, 88.5517,
57.0847

■ 64.0789, 85.4306,
44.3443

■ 58.3601, 82.7053,
34.0076

■ 53.4691, 80.3578,
25.9233

■ 49.3608, 78.3684,
19.9225

■ 45.9847, 76.7155,
15.8129

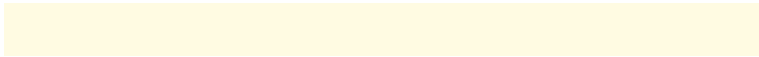
■ 43.2826, 75.3739,
13.3661

■ 41.1749, 74.3099,
12.2450

Harmonies

Analogous

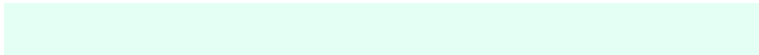
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7784, 96.0470, 86.0106



86.6011, 96.0470, 90.3185



84.7102, 96.0470, 98.5721

Triad

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



86.6011, 96.0470, 90.3185



89.1676, 96.0470, 125.1077



98.3758, 96.0470, 100.2862

Complementary

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



86.6011, 96.0470, 90.3185



84.9134, 84.5273, 106.4477

Split Complementary

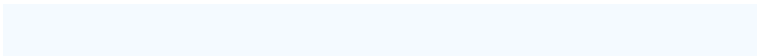
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.2016, 96.0470, 110.8249



86.6011, 96.0470, 90.3185



92.8181, 96.0470, 125.6438

Square

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



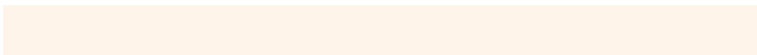
86.6011, 96.0470, 90.3185



86.1643, 96.0470, 118.8474



96.1447, 96.0470, 120.2664



96.6146, 96.0470, 91.5006

Rectangle

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



86.6011, 96.0470, 90.3185



84.4015, 96.0470, 105.4312



96.1447, 96.0470, 120.2664



98.5430, 96.0470, 103.7311

Sweetspot

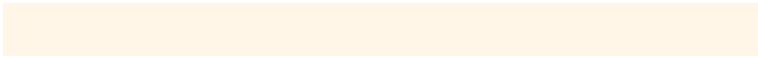
The Sweet Spot groups the original color and five complimentary colors.



86.6018, 96.0473, 90.3199



92.1501, 98.6445, 102.4626



88.7010, 92.8767, 89.5973



19.5613, 21.0379, 21.5723



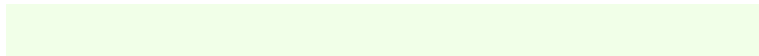
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

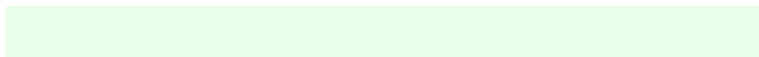
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6018, 96.0473, 90.3199



84.8533, 95.2277, 86.5454



83.9340, 94.6340, 91.9118



18.4439, 20.5147, 19.1320



21.5743, 38.8601, 6.3637



2.2189, 3.8446, 0.6251

Inverse Universe

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



84.9134, 84.5273, 106.4477



82.8219, 81.3682, 105.9482



87.7790, 86.0471, 104.6606



18.0643, 17.9249, 22.7577



16.6889, 7.5139, 50.0053



1.7476, 0.7948, 4.8746

Previews

White Background



This preview shows how the XYZ color 86.6011, 96.0470, 90.3185 looks on a white background.

Color Contrast Check

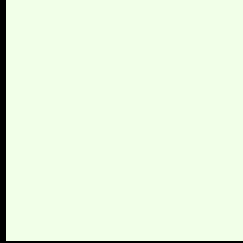
Large Text (above 18pt) WCAG AA × Fail

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 86.6011, 96.0470, 90.3185 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

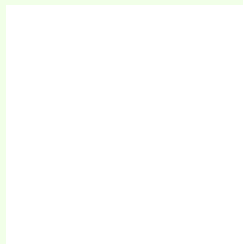
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6011, 96.0470, 90.3185

Background



This preview shows how black text looks on a background with the XYZ color 86.6011, 96.0470, 90.3185.

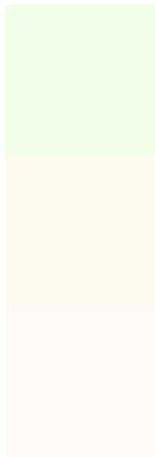


This preview shows how white text looks on a background with the XYZ color 86.6011, 96.0470,

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

86.6011, 96.0470, 90.3185

Protanopia

91.1538, 95.9225, 96.1486

Deuteranopia

92.0590, 95.7887, 102.4440

Tritanopia

91.6599, 95.9152, 108.2902

Trichromacy



Original Color

86.6011, 96.0470, 90.3185

Protanomaly

89.5208, 96.0592, 93.9438

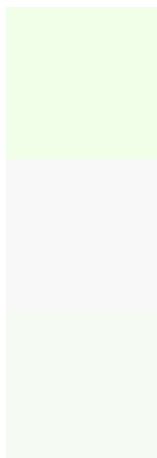
Deuteranomaly

89.9485, 95.7292, 97.7412

Tritanomaly

89.9567, 96.1104, 101.8056

Monochromacy



Original Color

86.6011, 96.0470, 90.3185

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.1804, 94.8176, 97.6584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6011, 96.0470, 90.3185 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(241, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 232)  
}
```

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(241, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 232) }
```

Border

The CSS property to change the border of an element to XYZ 86.6011, 96.0470, 90.3185 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(241, 255, 232) }
```


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

```
.border{ border-color:rgb(241, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6011, 96.0470, 90.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 232) }
```

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

```
.background{ background-color: rgb(241,  
255, 232) }
```

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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