

Converting Colors

XYZ(86.9177, 89.0286, 63.5366)

Have a look what the booklet for
XYZ(86.9177, 89.0286, 63.5366)
contains.

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Color

**XYZ(81.5521, 86.3041,
63.3990)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFEEC2 |
| RGB | 255, 238, 194 |
| RGB Percent | 100%, 93%, 76% |
| CMY | 0.0000, 0.0666, 0.2392 |
| CMYK | 0.00, 0.07, 0.24, 0.00 |
| HSL | 43°, 100%, 88% |
| HSV | 43°, 24%, 100% |
| XYZ | 81.5521, 86.3041, 63.3990 |
| YIQ | 238.0670, 24.2560, -10.0800 |

Conversions

Conversions Part 2

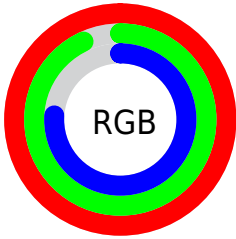
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 218, 255, 194 |
| Decimal | 16772802 |
| CIE Lab | 94.44, -0.93, 23.41 |
| CIE LCh | 94, 23.428, 92.263 |
| Yxy | 86.3041, 0.3526, 0.3732 |
| Android (android.graphics.Color) | 4294962882 (0xFFFFEEC2) |
| YUV | 238.0670, -21.7250, 14.8502 |
| Hunter-Lab | 92.9000, -5.8791, 24.5679 |

Details

The XYZ color **81.5521, 86.3041, 63.3990** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.5918, 65.2759, 103.8556**, and the grayscale version is **81.4715, 85.7144, 93.3429**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **44.7503, 47.3551, 31.5928** is the 20% darker color. If you saturate the color by 10%, you get **76.9033, 81.2030, 48.9119**, and if you desaturate by 10%, it is **86.7782, 91.7727, 80.5050**.

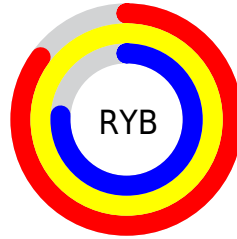
Distribution



Red (100%)

Green (93%)

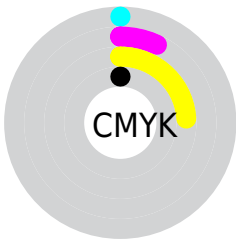
Blue (76%)



Red (85%)

Yellow (100%)

Blue (76%)

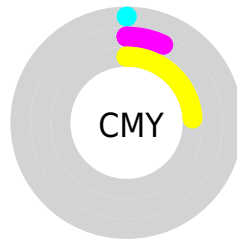


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5521, 86.3041, 63.3990 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 81.5521, 86.3041, 63.3990 by changing the saturation by 10% instead.


 81.5521, 86.3041,
63.3990

 81.5521, 86.3041,
63.3990


488.8055,
515.9334, 455.1638

 61.3093, 64.9195,
45.7210


 134.4848,
142.1938, 111.3361

 44.7283, 47.3958,
31.6786


167.9054,
177.4676, 142.4322

 31.4438, 33.3486,
20.8534

206.4493,
218.1400, 178.8382

 21.0905, 22.3937,
12.8267

250.4818,
264.5952, 220.9725

 13.3030, 14.1464,
7.1800

300.3683,
317.2178, 269.2536

 7.7160, 8.2226,
3.4948

356.4742,

 3.9640, 4.2377,

376.3921, 324.1002

1.3525

419.1648,
442.5025, 385.9308

■ 1.6818, 1.8074,
0.1042

■ 0.4448, 0.4918,
0.0000

■ 81.5521, 86.3041,
63.3990

■ 81.5521, 86.3041,
63.3990

■ 76.9033, 81.2030,
48.9119

■ 86.7782, 91.7727,
80.5050

■ 72.7995, 76.4461,
36.9060

■ 92.5996, 97.6084,
100.3475

■ 69.2145, 72.0243,
27.2389

95.0500, 100.0000,
108.9000

■ 66.1173, 67.9237,
19.7515

■ 63.4729, 64.1287,
14.2649

■ 61.2410, 60.6216,
10.5714

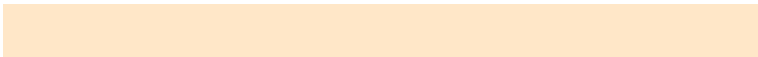
■ 59.3724, 57.3811,
8.4173

■ 58.3719, 55.5239,
7.6406

Harmonies

Analogous

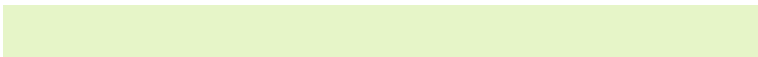
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7961, 86.3041, 66.4929



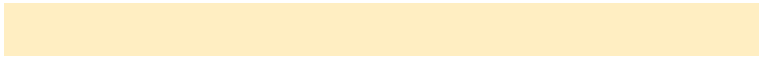
81.5521, 86.3041, 63.3990



75.7329, 86.3041, 67.5866

Triad

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



81.5521, 86.3041, 63.3990



72.2087, 86.3041, 113.7282



93.2225, 86.3041, 111.0550

Complementary

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



81.5521, 86.3041, 63.3990



63.5918, 65.2759, 103.8556

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.



88.6657, 86.3041, 126.4572



81.5521, 86.3041, 63.3990



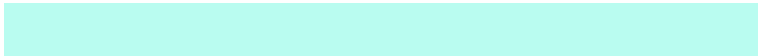
76.5211, 86.3041, 128.1342

Square

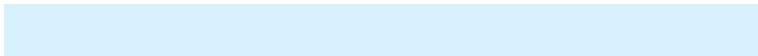
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.5521, 86.3041, 63.3990



70.5134, 86.3041, 95.3469



82.5087, 86.3041, 133.0635



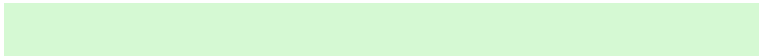
94.7357, 86.3041, 92.6074

Rectangle

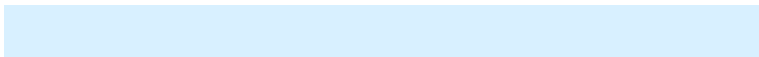
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.5521, 86.3041, 63.3990



72.8197, 86.3041, 74.3007



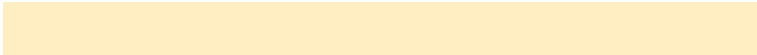
82.5087, 86.3041, 133.0635



91.9847, 86.3041, 116.8373

Sweetspot

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



81.5542, 86.3079, 63.4008



90.7420, 95.7713, 93.9388



72.3258, 64.5619, 70.4650



19.3461, 20.4228, 19.8446



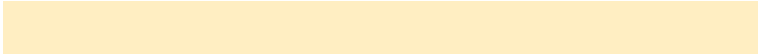
0.0000, 0.0000, 0.0000



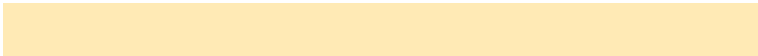
20.3446, 21.4041, 23.3091

Same Dimension

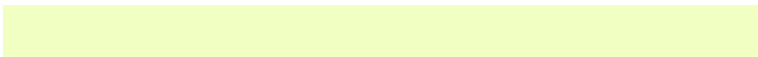
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5542, 86.3079, 63.4008



79.1219, 83.6708, 55.7229



82.0416, 94.2541, 64.9089



19.1083, 20.1848, 19.0333



30.6328, 29.2769, 4.0365



3.0747, 3.0348, 0.4237

Inverse Universe

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



63.5918, 65.2759, 103.8556



58.1567, 59.1277, 102.9553



63.1354, 59.1013, 102.6878



17.4149, 18.2014, 22.8453



10.7175, 6.3445, 50.0943



1.1308, 0.7922, 4.9066

Previews

White Background



This preview shows how the XYZ color 81.5521, 86.3041, 63.3990 looks on a white background.

Color Contrast Check

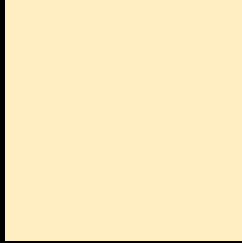
Large Text (above 18pt) WCAG AA × Fail

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 81.5521, 86.3041, 63.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

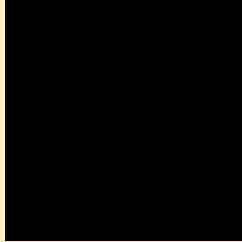
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5521, 86.3041, 63.3990

Background



This preview shows how black text looks on a background with the XYZ color 81.5521, 86.3041, 63.3990.



This preview shows how white text looks on a background with the XYZ color 81.5521, 86.3041,

63.3990.

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

81.5521, 86.3041, 63.3990

Protanopia

81.1121, 86.5107, 63.4621

Deuteranopia

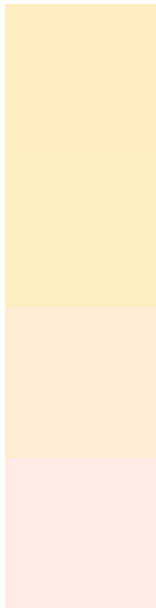
84.2676, 86.0044, 81.9712



Tritanopia

87.0135, 86.1916, 99.2393

Trichromacy



Original Color

81.5521, 86.3041, 63.3990

Protanomaly

81.4772, 86.6989, 63.4792

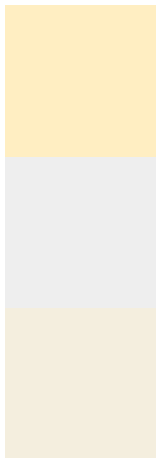
Deuteranomaly

83.1191, 86.0044, 74.5070

Tritanomaly

84.8135, 86.2227, 84.8455

Monochromacy



Original Color

81.5521, 86.3041, 63.3990

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.0676, 85.6561, 81.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5521, 86.3041, 63.3990 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(255, 238, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 194)  
}
```

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(255, 238, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 194) }
```

Border

The CSS property to change the border of an element to XYZ 81.5521, 86.3041, 63.3990 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(255, 238, 194) }
```


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

```
.border{ border-color:rgb(255, 238, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 238, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5521, 86.3041, 63.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 194) }
```

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

```
.background{ background-color: rgb(255,  
238, 194) }
```

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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