

Converting Colors

XYZ(85.4142, 93.7087, 73.5568)

Have a look what the booklet for
XYZ(85.4142, 93.7087, 73.5568)
contains.

| | |
|--|----|
| XYZ(85.6660, 94.0577, 73.3144) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(85.6660, 94.0577,
73.3144)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FBFBDD |
| RGB | 251, 251, 208 |
| RGB Percent | 98%, 98%, 82% |
| CMY | 0.0157, 0.0157, 0.1843 |
| CMYK | 0.00, 0.00, 0.17, 0.02 |
| HSL | 60°, 84%, 90% |
| HSV | 60°, 17%, 98% |
| XYZ | 85.6660, 94.0577, 73.3144 |
| YIQ | 246.0980, 13.8030, -13.3730 |

Conversions

Conversions Part 2

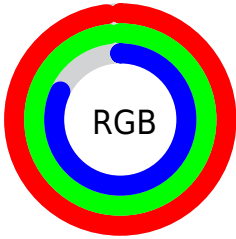
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 208, 251, 208 |
| Decimal | 16514000 |
| CIELab | 97.66, -6.92, 20.66 |
| CIELCh | 98, 21.788, 108.507 |
| Yxy | 94.0577, 0.3385, 0.3717 |
| Android (android.graphics.Color) | 4294704080 (0xFFFBFD0) |
| YUV | 246.0980, -18.7823, 4.2991 |
| Hunter-Lab | 96.9833, -12.0507, 23.0682 |

Details

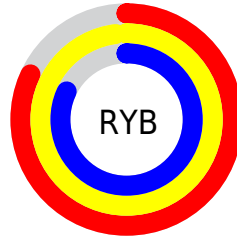
The XYZ color **85.6660, 94.0577, 73.3144** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.9846, 65.4892, 100.4350**, and the grayscale version is **87.8182, 92.3916, 100.6144**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5130, 52.7995, 37.8241** is the 20% darker color. If you saturate the color by 10%, you get **82.8188, 92.9219, 58.3167**, and if you desaturate by 10%, it is **89.0069, 95.3974, 90.8901**.

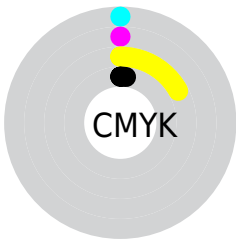
Distribution



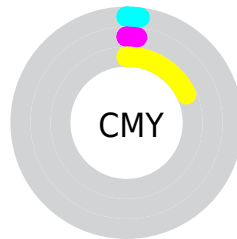
- Red (98%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6660, 94.0577, 73.3144 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 85.6660, 94.0577, 73.3144 by changing the saturation by 10% instead.


 85.6660, 94.0577,
73.3144

 85.6660, 94.0577,
73.3144


502.2798,
541.1439, 491.2037

 64.7162, 71.3509,
53.7397


140.2125,
152.9621, 125.6485

 47.4948, 52.6286,
38.0018


174.5399,
189.9286, 159.2450

 33.6366, 37.5064,
25.6823


214.0573,
232.4171, 198.3524

 22.7761, 25.5998,
16.3625

259.1298,
280.8120, 243.3894

 14.5481, 16.5245,
9.6239

310.1230,
335.4978, 294.7745

 8.5871, 9.8961,
5.0480

367.4022,

 4.5278, 5.3301,

396.8588, 352.9263

2.2162

431.3326,
465.2793, 418.2631

■ 2.0048, 2.4422,
0.6837

■ 0.6367, 0.8475,
0.0000

■ 85.6660, 94.0577,
73.3144

■ 85.6660, 94.0577,
73.3144

■ 82.8188, 92.9219,
58.3167

■ 89.0069, 95.3974,
90.8901

■ 80.4351, 91.9682,
45.7702


■ 92.3355, 96.7289,
108.4117


■ 78.4924, 91.1910,
35.5465


■ 92.3367, 96.7296,
108.4117


■ 76.9637, 90.5794,
27.5030


■ 92.3379, 96.7302,
108.4118


 75.8191, 90.1214,
21.4816


 92.3391, 96.7308,
108.4119


 75.0243, 89.8034,
17.3028


 92.3403, 96.7314,
108.4119


 74.5394, 89.6093,
14.7555

 92.3415, 96.7320,
108.4120

 74.3128, 89.5185,
13.5688

 92.3427, 96.7327,
108.4120

 74.2731, 89.5025,
13.3611

 92.3439, 96.7333,
108.4121

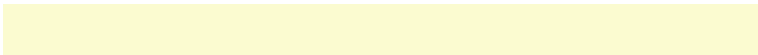
Harmonies

Analogous

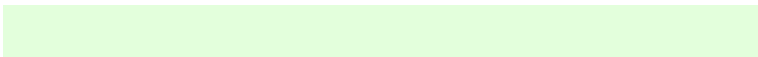
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7967, 94.0577, 72.4521



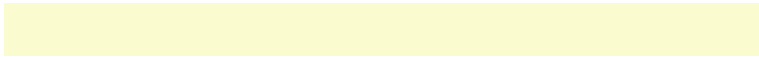
85.6660, 94.0577, 73.3144



80.7589, 94.0577, 81.4069

Triad

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



85.6660, 94.0577, 73.3144



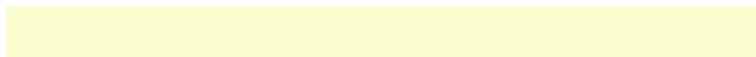
81.7271, 94.0577, 130.1907



101.6046, 94.0577, 109.3710

Complementary

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



85.6660, 94.0577, 73.3144



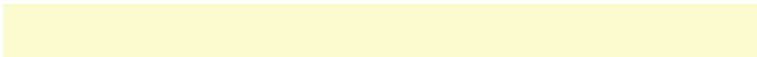
65.9846, 65.4892, 100.4350

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.



98.6344, 94.0577, 126.7531



85.6660, 94.0577, 73.3144



87.0435, 94.0577, 139.6684

Square

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



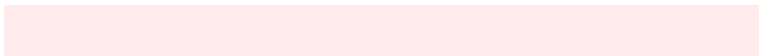
85.6660, 94.0577, 73.3144



78.5583, 94.0577, 113.6435



93.2389, 94.0577, 138.3422



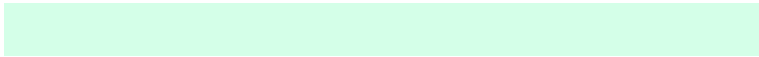
101.1938, 94.0577, 91.9476

Rectangle

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



85.6660, 94.0577, 73.3144



78.7535, 94.0577, 90.4000



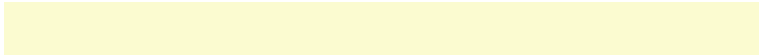
93.2389, 94.0577, 138.3422



100.9631, 94.0577, 115.4454

Sweetspot

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



85.6685, 94.0619, 73.3164



93.0640, 99.2055, 98.4450



73.7278, 70.1774, 69.3356



19.8621, 21.2111, 20.7689



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

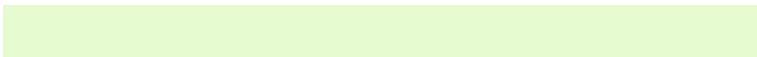
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6685, 94.0619, 73.3164



87.5930, 97.0169, 69.6458



78.3588, 90.2936, 72.9743



18.7272, 20.1907, 18.3726



39.0388, 47.0435, 7.0227



3.6157, 4.3571, 0.6504

Inverse Universe

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



65.9846, 65.4892, 100.4350



63.2522, 61.6844, 103.1803



72.4442, 68.8193, 100.7373



16.2833, 16.6432, 21.7395



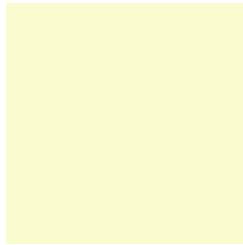
9.1531, 3.6613, 48.1978



0.8478, 0.3391, 4.4640

Previews

White Background



This preview shows how the XYZ color 85.6660, 94.0577, 73.3144 looks on a white background.

Color Contrast Check

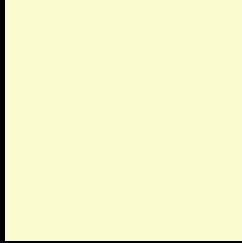
Large Text (above 18pt) WCAG AA × Fail

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 85.6660, 94.0577, 73.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

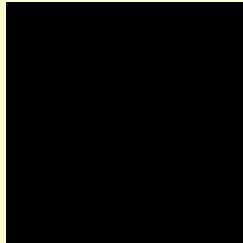
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6660, 94.0577, 73.3144

Background



This preview shows how black text looks on a background with the XYZ color 85.6660, 94.0577, 73.3144.



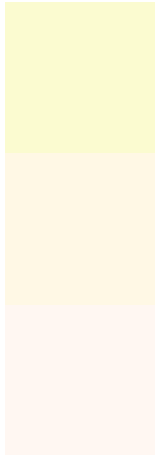
This preview shows how white text looks on a background with the XYZ color 85.6660, 94.0577,

73.3144.

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

85.6660, 94.0577, 73.3144

Protanopia

88.9503, 94.0519, 87.5944

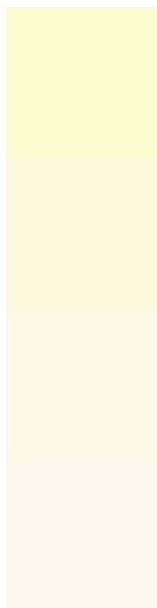
Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

91.5138, 94.0142, 107.9310

Trichromacy



Original Color

85.6660, 94.0577, 73.3144

Protanomaly

87.7999, 94.0427, 81.9311

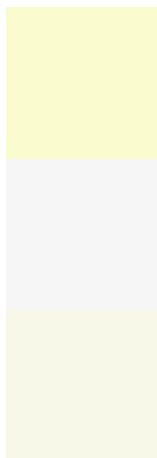
Deuteranomaly

88.7234, 93.9188, 88.3148

Tritanomaly

89.1449, 94.0033, 94.3349

Monochromacy



Original Color

85.6660, 94.0577, 73.3144

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.8443, 92.9175, 89.7016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6660, 94.0577, 73.3144 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(251, 251, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 208)  
}
```

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(251, 251, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 208) }
```

Border

The CSS property to change the border of an element to XYZ 85.6660, 94.0577, 73.3144 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(251, 251, 208) }
```


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

```
.border{ border-color:rgb(251, 251, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 251, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6660, 94.0577, 73.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 208) }
```

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

```
.background{ background-color: rgb(251,  
251, 208) }
```

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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