

Converting Colors

XYZ(85.6462, 93.1390, 72.4951)

Have a look what the booklet for
XYZ(85.6462, 93.1390, 72.4951)
contains.

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Color

**XYZ(85.6462, 93.1390,
72.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF9CF
RGB	253, 249, 207
RGB Percent	99%, 98%, 81%
CMY	0.0078, 0.0235, 0.1882
CMYK	0.00, 0.02, 0.18, 0.01
HSL	55°, 92%, 90%
HSV	55°, 18%, 99%
XYZ	85.6462, 93.1390, 72.4951
YIQ	245.4080, 15.8660, -12.2140

Conversions

Conversions Part 2

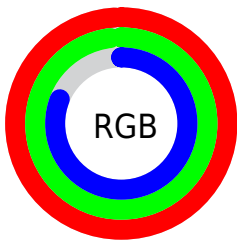
Format	Color
R_{YB}	211, 253, 207
Decimal	16644559
CIE _{Lab}	97.28, -5.35, 20.68
CIE _{LCh}	97, 21.358, 104.515
Y _{xy}	93.1390, 0.3408, 0.3707
Android (android.graphics.Color)	4294834639 (0xFFFFDF9CF)
Y_{UV}	245.4080, -18.9351, 6.6582
Hunter-Lab	96.5085, -10.4807, 23.0186

Details

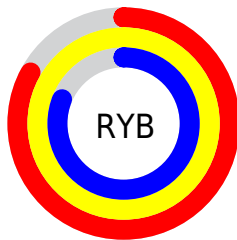
The XYZ color **85.6462, 93.1390, 72.4951** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.7559, 66.9444, 102.3323**, and the grayscale version is **87.2605, 91.8049, 99.9755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5847, 52.1756, 37.6999** is the 20% darker color. If you saturate the color by 10%, you get **82.1235, 90.6528, 57.2640**, and if you desaturate by 10%, it is **89.6775, 95.8476, 90.3431**.

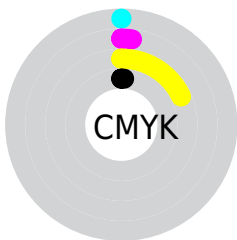
Distribution



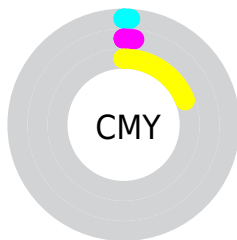
- Red (99%)
- Green (98%)
- Blue (81%)



- Red (83%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6462, 93.1390, 72.4951 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 85.6462, 93.1390, 72.4951 by changing the saturation by 10% instead.


 85.6462, 93.1390,
72.4951

 85.6462, 93.1390,
72.4951


502.2154,
538.1899, 488.2868

 64.6997, 70.5870,
53.0739


140.1850,
151.6910, 124.4744

 47.4814, 52.0053,
37.4736


174.5081,
188.4599, 157.8697

 33.6260, 37.0093,
25.2758


214.0208,
230.7365, 196.7600

 22.7679, 25.2147,
16.0617

259.0884,
278.9053, 241.5639

 14.5420, 16.2371,
9.4130

310.0763,
333.3506, 292.7000

 8.5828, 9.6921,
4.9111

367.3499,

 4.5250, 5.1953,

394.4569, 350.5869

2.1374

431.2745,
462.6085, 415.6429

■ 2.0032, 2.3623,
0.6379

■ 0.6358, 0.8064,
0.0000

■ 85.6462, 93.1390,
72.4951

■ 85.6462, 93.1390,
72.4951

■ 82.1235, 90.6528,
57.2640

■ 89.6775, 95.8476,
90.3431

■ 79.0783, 88.3671,
44.5199

■ 93.8101, 98.6064,
108.6964

■ 76.4878, 86.2759,
34.1305

■ 94.3183, 99.6228,
108.8658

■ 74.3238, 84.3679,
25.9490

■ 72.5555, 82.6307,
19.8122

■ 71.1475, 81.0502,
15.5342

■ 70.0581, 79.6095,
12.8954

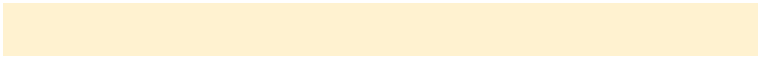
■ 69.2299, 78.2857,
11.5940

■ 69.0927, 78.0516,
11.4239

Harmonies

Analogous

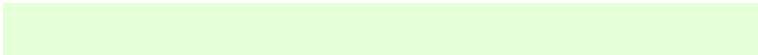
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6636, 93.1390, 72.6117



85.6462, 93.1390, 72.4951



80.6289, 93.1390, 79.4916

Triad

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



85.6462, 93.1390, 72.4951



80.4982, 93.1390, 126.5706



100.1990, 93.1390, 110.5566

Complementary

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



85.6462, 93.1390, 72.4951



66.7559, 66.9444, 102.3323

Split Complementary

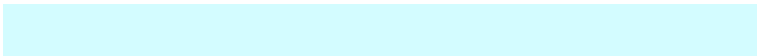
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9223, 93.1390, 127.0330



85.6462, 93.1390, 72.4951



85.4605, 93.1390, 136.9705

Square

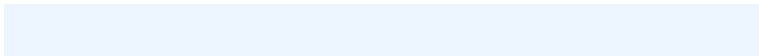
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.6462, 93.1390, 72.4951



77.7497, 93.1390, 109.9812



91.4693, 93.1390, 137.1487



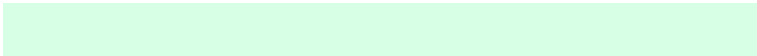
100.2543, 93.1390, 93.3009

Rectangle

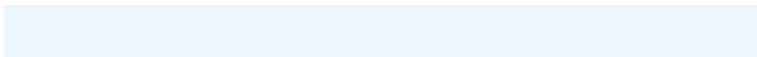
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6462, 93.1390, 72.4951



78.4484, 93.1390, 87.7609



91.4693, 93.1390, 137.1487



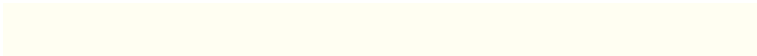
99.4313, 93.1390, 116.4112

Sweetspot

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



85.6487, 93.1431, 72.4971



92.7124, 98.5014, 98.3276



74.6551, 70.2429, 71.6479



19.7763, 21.0393, 20.7403



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.



85.6487, 93.1431, 72.4971



85.7627, 93.8299, 67.5628



80.5177, 92.3505, 72.6145



19.4184, 20.8049, 19.1366



36.8092, 41.6295, 6.0953



3.6220, 4.1294, 0.6061

Inverse Universe

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



66.7559, 66.9444, 102.3323



63.1153, 62.4257, 103.3306



71.2198, 67.7907, 102.2604



17.1298, 17.6312, 22.7503



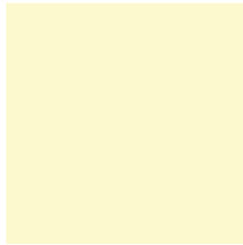
9.6259, 4.1615, 49.7305



0.9784, 0.4875, 4.8558

Previews

White Background



This preview shows how the XYZ color 85.6462, 93.1390, 72.4951 looks on a white background.

Color Contrast Check

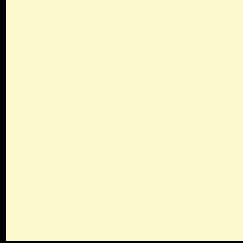
Large Text (above 18pt) WCAG AA × Fail

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 85.6462, 93.1390, 72.4951 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 85.6462, 93.1390, 72.4951

Background



This preview shows how black text looks on a background with the XYZ color 85.6462, 93.1390, 72.4951.

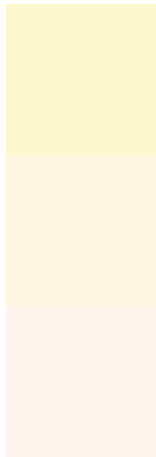


This preview shows how white text looks on a background with the XYZ color 85.6462, 93.1390,

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

85.6462, 93.1390, 72.4951

Protanopia

88.0914, 93.2178, 84.5841

Deuteranopia

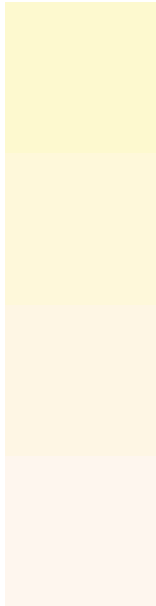
89.6206, 92.8561, 95.6376



Tritanopia

91.6407, 93.1814, 107.7636

Trichromacy



Original Color

85.6462, 93.1390, 72.4951

Protanomaly

87.0953, 93.2676, 79.7417

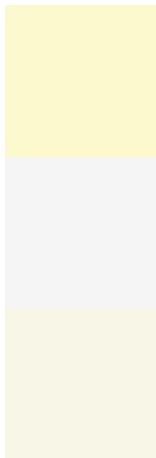
Deuteranomaly

87.8324, 92.5838, 86.6400

Tritanomaly

89.2614, 93.1554, 94.1651

Monochromacy



Original Color

85.6462, 93.1390, 72.4951

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.0910, 91.6375, 88.7516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6462, 93.1390, 72.4951 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(253, 249, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 207)  
}
```

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(253, 249, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 207) }
```

Border

The CSS property to change the border of an element to XYZ 85.6462, 93.1390, 72.4951 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(253, 249, 207) }
```


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

```
.border{ border-color:rgb(253, 249, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 249, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6462, 93.1390, 72.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 207) }
```

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

```
.background{ background-color: rgb(253,  
249, 207) }
```

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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