

Converting Colors

XYZ(85.8333, 92.7206, 75.0010)

Have a look what the booklet for
XYZ(85.8333, 92.7206, 75.0010)
contains.

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Color

**XYZ(85.8333, 92.7206,
75.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF8D3
RGB	253, 248, 211
RGB Percent	99%, 97%, 83%
CMY	0.0078, 0.0274, 0.1725
CMYK	0.00, 0.02, 0.17, 0.01
HSL	53°, 91%, 91%
HSV	53°, 17%, 99%
XYZ	85.8333, 92.7206, 75.0010
YIQ	245.2770, 14.8570, -10.4470

Conversions

Conversions Part 2

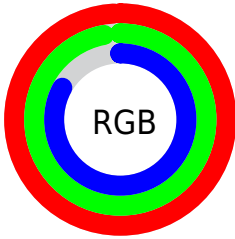
Format	Color
R _Y B	217, 253, 211
Decimal	16644307
CIE Lab	97.11, -4.27, 18.39
CIE LCh	97, 18.883, 103.067
Yxy	92.7206, 0.3385, 0.3657
Android (android.graphics.Color)	4294834387 (0xFFFD8D3)
YUV	245.2770, -16.8986, 6.7731
Hunter-Lab	96.2915, -9.3971, 21.2234

Details

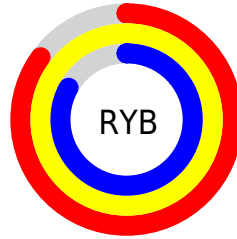
The XYZ color **85.8333, 92.7206, 75.0010** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.1493, 70.0511, 102.8058**, and the grayscale version is **87.1396, 91.6776, 99.8369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6153, 51.8353, 38.9481** is the 20% darker color. If you saturate the color by 10%, you get **81.9912, 89.7186, 59.2844**, and if you desaturate by 10%, it is **90.1944, 95.9602, 93.3556**.

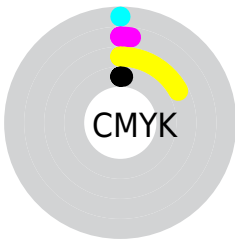
Distribution



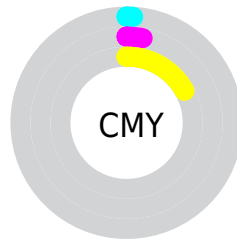
- Red (99%)
- Green (97%)
- Blue (83%)



- Red (85%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (1%)




- Cyan (1%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8333, 92.7206, 75.0010 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 85.8333, 92.7206, 75.0010 by changing the saturation by 10% instead.


 85.8333, 92.7206,
75.0010

 85.8333, 92.7206,
75.0010


502.8236,
536.8417, 497.1765

 64.8549, 70.2393,
55.1120


140.4449,
151.1117, 128.0609

 47.6077, 51.7216,
39.0922


174.8088,
187.7904, 162.0688

 33.7263, 36.7833,
26.5231


214.3653,
229.9702, 201.6202

 22.8453, 25.0397,
16.9861

259.4797,
278.0357, 247.1334

 14.5994, 16.1066,
10.0627

310.5174,
332.3712, 299.0271

 8.6232, 9.5997,
5.3344

367.8437,

 4.5514, 5.1343,

393.3611, 357.7199

2.3826

431.8240,
461.3898, 423.6301

■ 2.0185, 2.3263,
0.7770

■ 0.6443, 0.7876,
0.0000

■ 85.8333, 92.7206,
75.0010

■ 85.8333, 92.7206,
75.0010

■ 81.9912, 89.7186,
59.2844

■ 90.1944, 95.9602,
93.3556

■ 78.6375, 86.9326,
46.0773

■ 94.0077, 99.0015,
108.7622

■ 75.7493, 84.3563,
35.2492

■ 94.3183, 99.6228,
108.8658

■ 73.2992, 81.9787,
26.6555

■ 71.2566, 79.7875,
20.1358

■ 69.5870, 77.7686,
15.5084

■ 68.2497, 75.9059,
12.5601

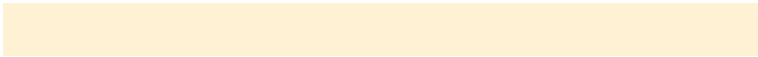
■ 67.1940, 74.1788,
11.0234

■ 66.8729, 73.6120,
10.6840

Harmonies

Analogous

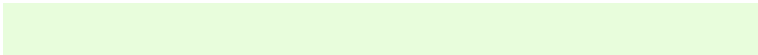
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1441, 92.7206, 75.4217



85.8333, 92.7206, 75.0010



81.3194, 92.7206, 81.0133

Triad

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



85.8333, 92.7206, 75.0010



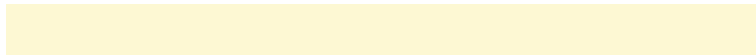
80.8574, 92.7206, 122.3347



98.2910, 92.7206, 109.7409

Complementary

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



85.8333, 92.7206, 75.0010



69.1493, 70.0511, 102.8058

Split Complementary

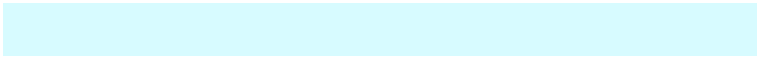
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3067, 92.7206, 123.9314



85.8333, 92.7206, 75.0010



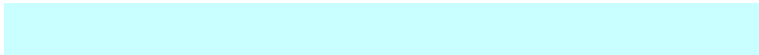
85.1795, 92.7206, 131.6891

Square

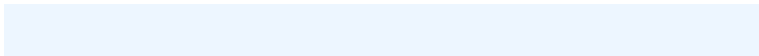
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8333, 92.7206, 75.0010



78.5255, 92.7206, 107.7333



90.4635, 92.7206, 132.3013



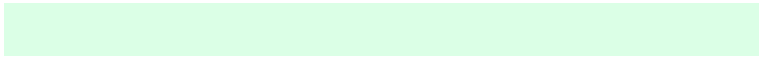
98.4834, 92.7206, 94.4709

Rectangle

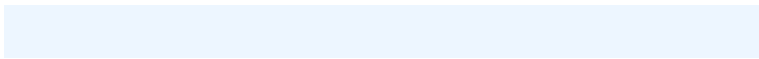
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8333, 92.7206, 75.0010



79.3109, 92.7206, 88.2485



90.4635, 92.7206, 132.3013



97.5758, 92.7206, 114.8305

Sweetspot

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



85.8358, 92.7247, 75.0030



92.5828, 98.2422, 98.2844



76.2757, 72.4614, 75.3407



19.7447, 20.9761, 20.7297



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

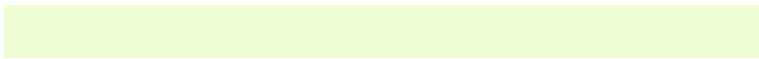
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8358, 92.7247, 75.0030



85.9947, 93.3308, 70.6090



82.0098, 93.0625, 75.2698



19.3660, 20.7001, 19.1192



35.6451, 39.3014, 5.7072



3.5205, 3.9264, 0.5723

Inverse Universe

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



69.1493, 70.0511, 102.8058



66.0145, 66.1827, 103.9029



72.5146, 69.9152, 102.6022



17.1770, 17.7255, 22.7660



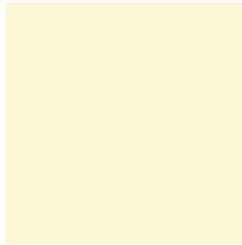
9.7328, 4.3753, 49.7661



1.0006, 0.5319, 4.8632

Previews

White Background



This preview shows how the XYZ color 85.8333, 92.7206, 75.0010 looks on a white background.

Color Contrast Check

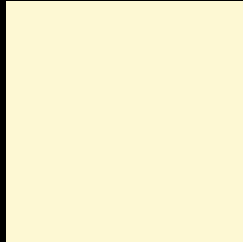
Large Text (above 18pt) WCAG AA × Fail

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 85.8333, 92.7206, 75.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

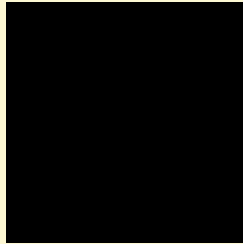
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8333, 92.7206, 75.0010

Background



This preview shows how black text looks on a background with the XYZ color 85.8333, 92.7206, 75.0010.

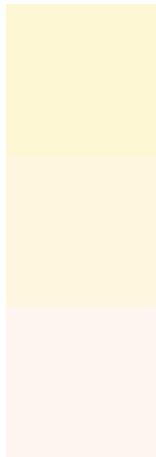


This preview shows how white text looks on a background with the XYZ color 85.8333, 92.7206,

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

85.8333, 92.7206, 75.0010

Protanopia

87.6503, 92.5534, 83.7659

Deuteranopia

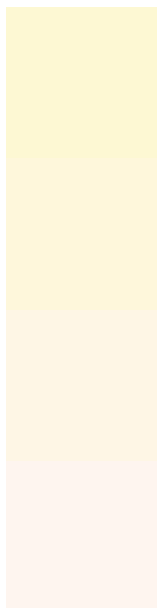
89.6206, 92.8561, 95.6376



Tritanopia

91.3406, 92.5812, 107.6635

Trichromacy



Original Color

85.8333, 92.7206, 75.0010

Protanomaly

86.9200, 92.7068, 80.3309

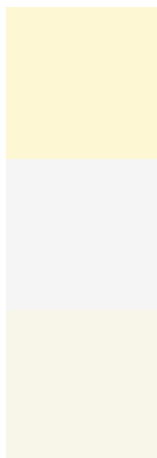
Deuteranomaly

87.9717, 92.6395, 87.3733

Tritanomaly

89.1054, 92.6076, 94.8401

Monochromacy



Original Color

85.8333, 92.7206, 75.0010

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.3751, 91.7512, 90.2481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8333, 92.7206, 75.0010 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, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 211)  
}
```

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, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 211) }
```

Border

The CSS property to change the border of an element to XYZ 85.8333, 92.7206, 75.0010 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, 248, 211) }
```


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

```
.border{ border-color:rgb(253, 248, 211) }
```

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

Here you see how a box with a 4 pixel rgb(253, 248, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8333, 92.7206, 75.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 211) }
```

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

```
.background{ background-color: rgb(253,  
248, 211) }
```

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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