

Converting Colors

XYZ(101.3536, 100.0000,
74.3020)

Have a look what the booklet for
XYZ(101.3536, 100.0000, 74.3020)
contains.

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Color

**XYZ(85.7044, 91.7750,
73.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6D1
RGB	255, 246, 209
RGB Percent	100%, 96%, 82%
CMY	0.0000, 0.0353, 0.1804
CMYK	0.00, 0.04, 0.18, 0.00
HSL	48°, 100%, 91%
HSV	48°, 18%, 100%
XYZ	85.7044, 91.7750, 73.5188
YIQ	244.4730, 17.2410, -9.5990

Conversions

Conversions Part 2

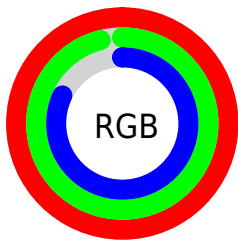
Format	Color
R _Y B	220, 255, 209
Decimal	16774865
CIE Lab	96.73, -2.85, 18.90
CIE LCh	97, 19.113, 98.570
Yxy	91.7750, 0.3415, 0.3656
Android (android.graphics.Color)	4294964945 (0xFFFFF6D1)
YUV	244.4730, -17.4882, 9.2322
Hunter-Lab	95.7993, -7.9582, 21.5588

Details

The XYZ color **85.7044, 91.7750, 73.5188** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.4153, 70.9161, 104.6373**, and the grayscale version is **86.4960, 91.0005, 99.0995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5349, 51.1658, 37.9425** is the 20% darker color. If you saturate the color by 10%, you get **81.3010, 87.6226, 57.7020**, and if you desaturate by 10%, it is **90.6582, 96.2189, 92.0144**.

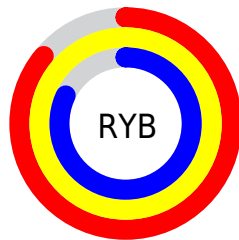
Distribution



Red (100%)

Green (96%)

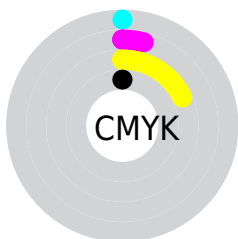
Blue (82%)



Red (86%)

Yellow (100%)

Blue (82%)

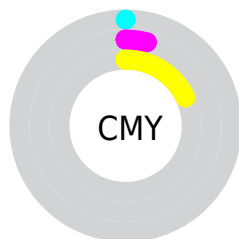


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7044, 91.7750, 73.5188 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 85.7044, 91.7750, 73.5188 by changing the saturation by 10% instead.

 85.7044, 91.7750,
73.5188

 85.7044, 91.7750,
73.5188


502.4046,
533.7881, 491.9298

 64.7480, 69.4538,
53.9059


140.2659,
149.8015, 125.9412

 47.5207, 51.0813,
38.1338


174.6017,
186.2756, 159.5877

 33.6572, 36.2733,
25.7839


214.1280,
228.2360, 198.7492

 22.7920, 24.6454,
16.4377

259.2101,
276.0673, 243.8442

 14.5598, 15.8131,
9.6767

310.2135,
330.1537, 295.2912

 8.5954, 9.3920,
5.0824

367.5035,

 4.5332, 4.9977,

390.8797, 353.5088

2.2361

431.4454,
458.6297, 418.9155

■ 2.0080, 2.2459,
0.6951

■ 0.6384, 0.7449,
0.0000

■ 85.7044, 91.7750,
73.5188

■ 85.7044, 91.7750,
73.5188

■ 81.3010, 87.6226,
57.7020

■ 90.6582, 96.2189,
92.0144

■ 77.4172, 83.7396,
44.4317

95.0500, 100.0000,
108.9000

■ 74.0289, 80.1189,
33.5731

■ 71.1074, 76.7486,
24.9766

■ 68.6209, 73.6153,
18.4761

■ 66.5332, 70.7041,
13.8822

■ 64.8013, 67.9973,
10.9716

■ 63.3676, 65.4713,
9.4410

■ 63.1053, 64.9905,
9.2184

Harmonies

Analogous

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



91.0447, 91.7750, 74.9204



85.7044, 91.7750, 73.5188



80.9676, 91.7750, 78.6048

Triad

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



85.7044, 91.7750, 73.5188



79.4262, 91.7750, 119.4576



97.1666, 91.7750, 111.0902

Complementary

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



85.7044, 91.7750, 73.5188



69.4153, 70.9161, 104.6373

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.



93.8059, 91.7750, 124.7943



85.7044, 91.7750, 73.5188



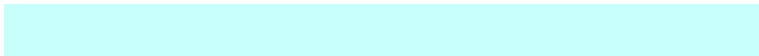
83.5222, 91.7750, 129.9586

Square

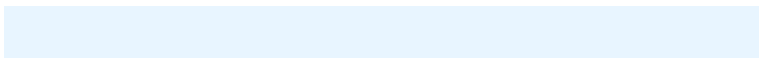
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7044, 91.7750, 73.5188



77.4413, 91.7750, 104.3852



88.7724, 91.7750, 132.0054



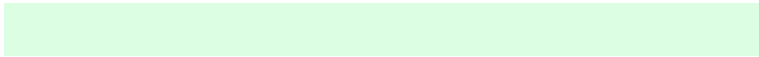
97.8093, 91.7750, 95.5983

Rectangle

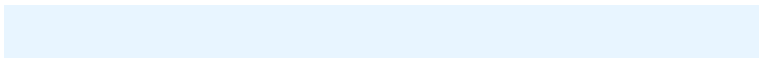
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7044, 91.7750, 73.5188



78.7374, 91.7750, 85.3294



88.7724, 91.7750, 132.0054



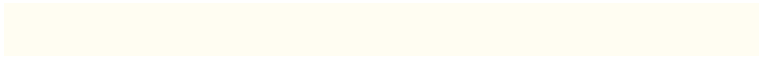
96.3109, 91.7750, 116.1020

Sweetspot

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



85.7066, 91.7789, 73.5207



92.2745, 97.6256, 98.1816



76.7222, 71.9344, 76.3091



19.6695, 20.8257, 20.7047



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

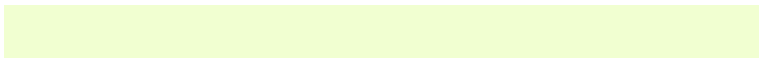
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7066, 91.7789, 73.5207



83.8973, 90.0990, 66.9410



83.6130, 94.8596, 74.2257



19.2417, 20.4516, 19.0777



33.0807, 34.1726, 4.8524



3.2945, 3.4743, 0.4970

Inverse Universe

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



69.4153, 70.9161, 104.6373



64.5909, 65.3769, 103.8224



71.2212, 68.4783, 104.0716



17.2905, 17.9525, 22.8038



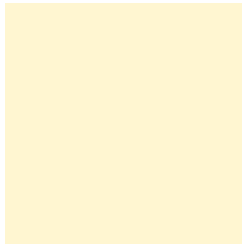
10.1054, 5.1204, 49.8903



1.0555, 0.6417, 4.8815

Previews

White Background



This preview shows how the XYZ color 85.7044, 91.7750, 73.5188 looks on a white background.

Color Contrast Check

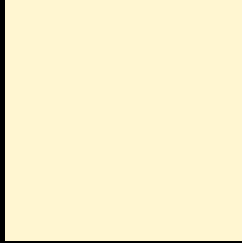
Large Text (above 18pt) WCAG AA × Fail

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 85.7044, 91.7750, 73.5188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

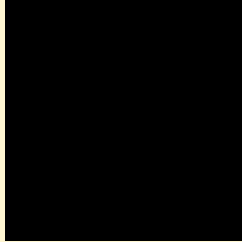
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.7044, 91.7750, 73.5188

Background



This preview shows how black text looks on a background with the XYZ color 85.7044, 91.7750, 73.5188.



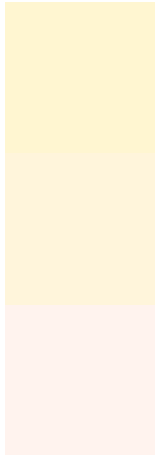
This preview shows how white text looks on a background with the XYZ color 85.7044, 91.7750,

73.5188.

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

85.7044, 91.7750, 73.5188

Protanopia

86.6786, 91.6793, 80.1453

Deuteranopia

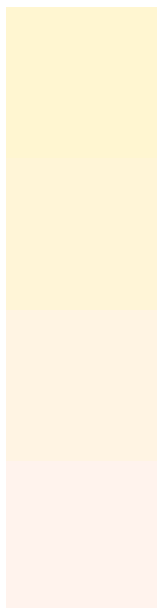
88.7232, 91.5342, 93.8806



Tritanopia

90.7218, 91.8561, 105.8770

Trichromacy



Original Color

85.7044, 91.7750, 73.5188

Protanomaly

86.1581, 91.4711, 77.4046

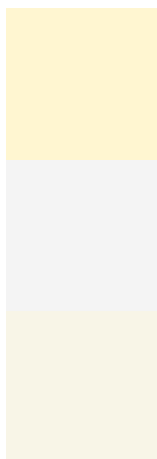
Deuteranomaly

87.4558, 91.5074, 85.7263

Tritanomaly

88.5767, 91.4756, 93.1088

Monochromacy



Original Color

85.7044, 91.7750, 73.5188

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.7876, 91.0308, 88.6505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7044, 91.7750, 73.5188 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, 246, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 209)  
}
```

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, 246, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 209) }
```

Border

The CSS property to change the border of an element to XYZ 85.7044, 91.7750, 73.5188 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, 246, 209) }
```


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

```
.border{ border-color:rgb(255, 246, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 246, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7044, 91.7750, 73.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 209) }
```

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

```
.background{ background-color: rgb(255,  
246, 209) }
```

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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