

Converting Colors

XYZ(86.6604, 92.6803, 76.9411)

Have a look what the booklet for
XYZ(86.6604, 92.6803, 76.9411)
contains.

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Color

**XYZ(86.6384, 92.6366,
76.9326)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D6
RGB	255, 247, 214
RGB Percent	100%, 97%, 84%
CMY	0.0000, 0.0313, 0.1608
CMYK	0.00, 0.03, 0.16, 0.00
HSL	48°, 100%, 92%
HSV	48°, 16%, 100%
XYZ	86.6384, 92.6366, 76.9326
YIQ	245.6300, 15.3610, -8.5670

Conversions

Conversions Part 2

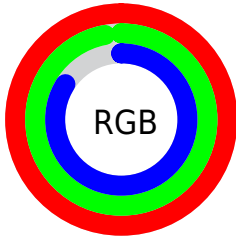
Format	Color
R_{YB}	224, 255, 214
Decimal	16775126
CIE Lab	97.08, -2.62, 16.83
CIE LCh	97, 17.033, 98.833
Yxy	92.6366, 0.3382, 0.3616
Android (android.graphics.Color)	4294965206 (0xFFFFF7D6)
YUV	245.6300, -15.5936, 8.2175
Hunter-Lab	96.2479, -7.7555, 19.9820

Details

The XYZ color **86.6384, 92.6366, 76.9326** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.9022, 73.7566, 105.0545**, and the grayscale version is **87.4137, 91.9660, 100.1510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1775, 51.7706, 40.2544** is the 20% darker color. If you saturate the color by 10%, you get **82.1337, 88.4373, 60.6023**, and if you desaturate by 10%, it is **91.6978, 97.1288, 95.9654**.

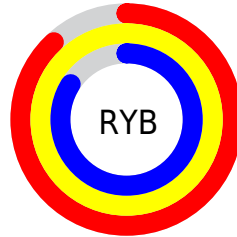
Distribution



Red (100%)

Green (97%)

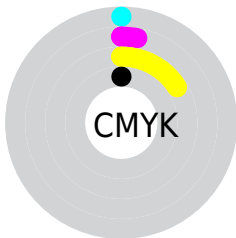
Blue (84%)



Red (88%)

Yellow (100%)

Blue (84%)

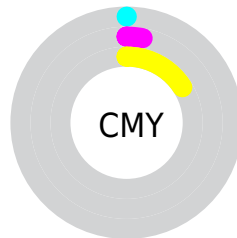


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6384, 92.6366, 76.9326 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 86.6384, 92.6366, 76.9326 by changing the saturation by 10% instead.


 86.6384, 92.6366,
76.9326

 86.6384, 92.6366,
76.9326


505.4363,
536.5708, 503.9658

 65.5230, 70.1695,
56.6863


141.5623,
150.9954, 130.8165

 48.1516, 51.6647,
40.3458


176.1015,
187.6559, 165.2912

 34.1587, 36.7379,
27.4924


215.8461,
229.8163, 205.3457

 23.1790, 25.0046,
17.7077

261.1613,
277.8610, 251.3987

 14.8472, 16.0805,
10.5731

312.4126,
332.1744, 303.8687

 8.7978, 9.5811,
5.6700

369.9653,

 4.6656, 5.1221,

393.1409, 363.1741

2.5800

434.1847,
461.1449, 429.7337

■ 2.0851, 2.3191,
0.8821

■ 0.6811, 0.7838,
0.0000

■ 86.6384, 92.6366,
76.9326

■ 86.6384, 92.6366,
76.9326

■ 82.1337, 88.4373,
60.6023

■ 91.6978, 97.1288,
95.9654

■ 78.1533, 84.5090,
46.8440

95.0500, 100.0000,
108.9000

■ 74.6736, 80.8448,
35.5250

■ 71.6663, 77.4330,
26.4986

■ 69.1003, 74.2606,
19.6022

■ 66.9403, 71.3129,
14.6518

■ 65.1451, 68.5729,
11.4318

■ 63.6636, 66.0196,
9.6748

■ 63.1386, 65.0572,
9.2295

Harmonies

Analogous

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



91.4237, 92.6366, 78.1663



86.6384, 92.6366, 76.9326



82.3859, 92.6366, 81.6417

Triad

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



86.6384, 92.6366, 76.9326



81.0516, 92.6366, 118.3676



96.9401, 92.6366, 110.7157

Complementary

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



86.6384, 92.6366, 76.9326



71.9022, 73.7566, 105.0545

Split Complementary

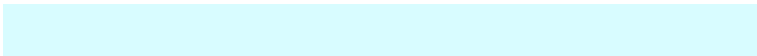
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9644, 92.6366, 122.8924



86.6384, 92.6366, 76.9326



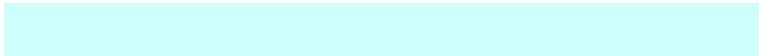
84.7570, 92.6366, 127.5818

Square

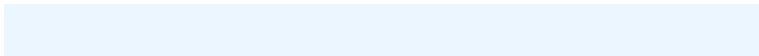
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6384, 92.6366, 76.9326



79.2382, 92.6366, 104.9798



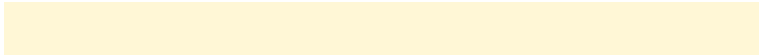
89.4734, 92.6366, 129.3089



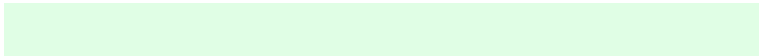
97.4884, 92.6366, 96.8601

Rectangle

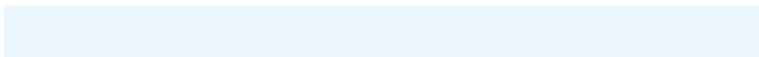
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.6384, 92.6366, 76.9326



80.3835, 92.6366, 87.7930



89.4734, 92.6366, 129.3089



96.1855, 92.6366, 115.1753

Sweetspot

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



86.6405, 92.6405, 76.9346



92.2767, 97.6300, 98.1824



78.4989, 74.6388, 79.5183



19.6701, 20.8268, 20.7049



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

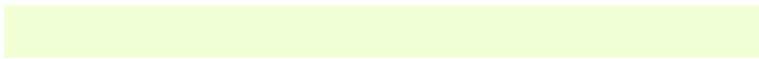
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6405, 92.6405, 76.9346



85.2676, 91.3832, 71.8881



84.7567, 95.3766, 77.5620



19.2426, 20.4534, 19.0780



33.0979, 34.2070, 4.8582



3.2960, 3.4774, 0.4975

Inverse Universe

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



71.9022, 73.7566, 105.0545



68.2116, 69.5307, 104.4334



73.5557, 71.5316, 104.5379



17.2897, 17.9509, 22.8036



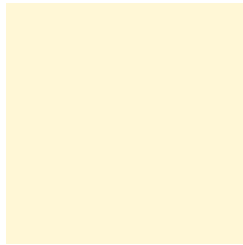
10.1021, 5.1138, 49.8892



1.0551, 0.6408, 4.8814

Previews

White Background



This preview shows how the XYZ color 86.6384, 92.6366, 76.9326 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 86.6384, 92.6366, 76.9326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

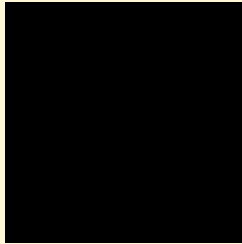
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.6384, 92.6366, 76.9326

Background



This preview shows how black text looks on a background with the XYZ color 86.6384, 92.6366, 76.9326.



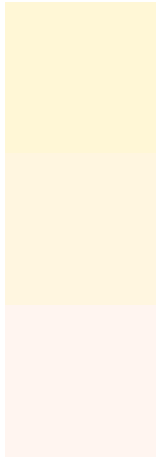
This preview shows how white text looks on a background with the XYZ color 86.6384, 92.6366,

76.9326.

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

86.6384, 92.6366, 76.9326

Protanopia

87.6503, 92.5534, 83.7659

Deuteranopia

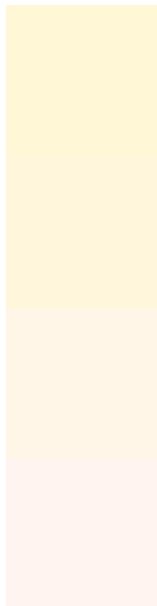
89.6206, 92.8561, 95.6376



Tritanopia

91.1800, 92.5169, 106.8178

Trichromacy



Original Color

86.6384, 92.6366, 76.9326

Protanomaly

87.1140, 92.3388, 80.9419

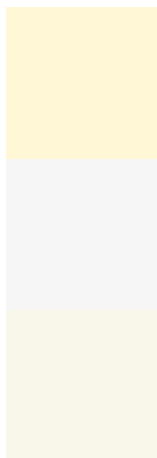
Deuteranomaly

88.6196, 92.9411, 88.8700

Tritanomaly

89.1707, 92.1934, 94.7567

Monochromacy



Original Color

86.6384, 92.6366, 76.9326

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.8740, 91.9918, 91.0193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6384, 92.6366, 76.9326 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, 247, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 214)  
}
```

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, 247, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 214) }
```

Border

The CSS property to change the border of an element to XYZ 86.6384, 92.6366, 76.9326 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, 247, 214) }
```


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

```
.border{ border-color:rgb(255, 247, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6384, 92.6366, 76.9326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 214) }
```

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

```
.background{ background-color: rgb(255,  
247, 214) }
```

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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