

Converting Colors

XYZ(84.6405, 90.4969, 85.2714)

Have a look what the booklet for
XYZ(84.6405, 90.4969, 85.2714)
contains.

XYZ(84.7376, 90.5700, 84.9671)	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(84.7376, 90.5700,
84.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F5E2
RGB	247, 245, 226
RGB Percent	97%, 96%, 89%
CMY	0.0314, 0.0392, 0.1137
CMYK	0.00, 0.01, 0.09, 0.03
HSL	54°, 57%, 93%
HSV	54°, 9%, 97%
XYZ	84.7376, 90.5700, 84.9671
YIQ	243.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

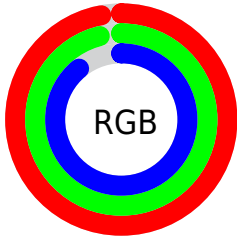
Format	Color
R_{YB}	228, 247, 226
Decimal	16250338
CIE _{Lab}	96.23, -2.54, 9.37
CIE _{LCh}	96, 9.711, 105.136
Yxy	90.5700, 0.3256, 0.3480
Android (android.graphics.Color)	4294440418 (0xFFFF7F5E2)
YUV	243.4320, -8.5940, 3.1291
Hunter-Lab	95.1683, -7.6085, 13.6831

Details

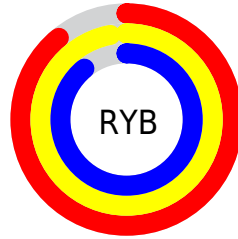
The XYZ color **84.7376, 90.5700, 84.9671** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.8957, 78.3694, 99.1231**, and the grayscale version is **85.5999, 90.0578, 98.0729**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0341, 50.4118, 45.7796** is the 20% darker color. If you saturate the color by 10%, you get **80.8851, 87.9034, 68.1486**, and if you desaturate by 10%, it is **89.0924, 93.4579, 104.3641**.

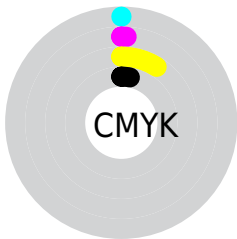
Distribution



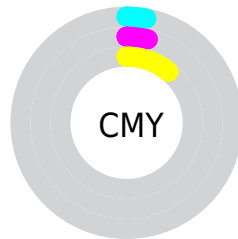
- Red (97%)
- Green (96%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.7376, 90.5700, 84.9671 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 84.7376, 90.5700, 84.9671 by changing the saturation by 10% instead.

 84.7376, 90.5700,
84.9671

 84.7376, 90.5700,
84.9671


499.2562,
529.8833, 531.6609

 63.9464, 68.4535,
63.2642


138.9224,
148.1299, 142.2010

 46.8687, 50.2668,
45.6126


173.0467,
184.3421, 178.5690

 33.1394, 35.6254,
31.5938


212.3461,
226.0216, 220.6625

 22.3930, 24.1450,
20.7892

257.1858,
273.5529, 268.9000

 14.2642, 15.4412,
12.7802

307.9314,
327.3203, 323.7001

 8.3876, 9.1296,
7.1484

364.9480,

 4.3978, 4.8258,

387.7082, 385.4812

3.4753

428.6012,
455.1011, 454.6620

■ 1.9296, 2.1454,
1.3421

■ 0.5939, 0.6900,
0.0959

■ 84.7376, 90.5700,
84.9671

■ 84.7376, 90.5700,
84.9671

■ 80.8851, 87.9034,
68.1486

■ 89.0924, 93.4579,
104.3641

■ 77.5067, 85.4377,
53.7932

■ 90.5002, 95.1785,
108.2092

■ 74.5825, 83.1681,
41.7856

■ 91.2327, 96.6435,
108.4533

■ 72.0884, 81.0847,
31.9990

■ 91.9743, 98.1266,
108.7005

69.9980, 79.1770,
24.2945

92.1681, 98.5143,
108.7651

68.2820, 77.4332,
18.5177

66.9068, 75.8399,
14.4926

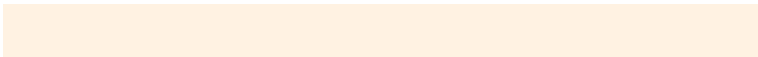
65.8330, 74.3811,
12.0112

65.0043, 73.0343,
10.7772

Harmonies

Analogous

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



87.4207, 90.5700, 84.9506



84.7376, 90.5700, 84.9671



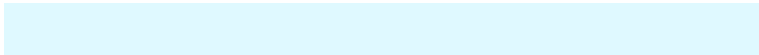
82.4619, 90.5700, 88.5087

Triad

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



84.7376, 90.5700, 84.9671



82.4787, 90.5700, 109.5168



91.1923, 90.5700, 102.4731

Complementary

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



84.7376, 90.5700, 84.9671



75.8957, 78.3694, 99.1231

Split Complementary

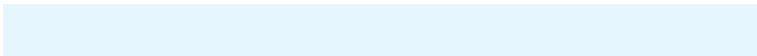
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8108, 90.5700, 109.4634



84.7376, 90.5700, 84.9671



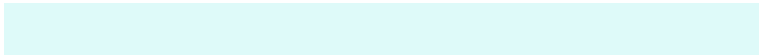
84.7611, 90.5700, 113.6720

Square

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



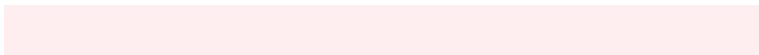
84.7376, 90.5700, 84.9671



81.1763, 90.5700, 102.5428



87.4447, 90.5700, 113.6520



91.1857, 90.5700, 94.7894

Rectangle

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



84.7376, 90.5700, 84.9671



81.4658, 90.5700, 92.5037



87.4447, 90.5700, 113.6520



90.8736, 90.5700, 104.9904

Sweetspot

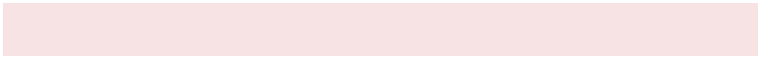
The Sweet Spot groups the original color and five complimentary colors.



84.7401, 90.5740, 84.9691



93.6112, 99.0543, 102.4647



79.5727, 79.7751, 84.6771



19.9561, 21.1484, 21.5728



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.



84.7401, 90.5740, 84.9691



90.4449, 96.9293, 88.4376



82.4509, 90.2946, 85.0358



17.7722, 19.0286, 17.5338



34.3752, 38.6360, 5.6457



3.0596, 3.4725, 0.5090

Inverse Universe

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



75.8957, 78.3694, 99.1231



79.3576, 81.6299, 106.1813



78.0491, 78.6696, 99.0675



15.7077, 16.1798, 20.8377



9.0901, 3.9740, 46.8260



0.8408, 0.4331, 4.1295

Previews

White Background



This preview shows how the XYZ color 84.7376, 90.5700, 84.9671 looks on a white background.

Color Contrast Check

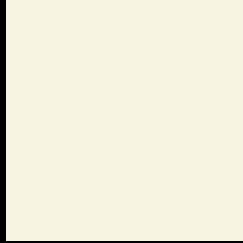
Large Text (above 18pt) WCAG AA × Fail

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 84.7376, 90.5700, 84.9671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

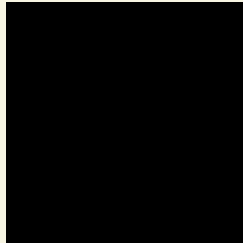
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

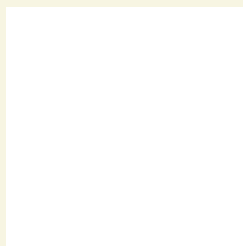
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7376, 90.5700, 84.9671

Background



This preview shows how black text looks on a background with the XYZ color 84.7376, 90.5700, 84.9671.



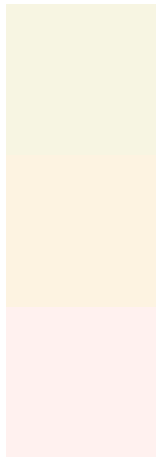
This preview shows how white text looks on a background with the XYZ color 84.7376, 90.5700, 84.9671.

84.9671.

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

84.7376, 90.5700, 84.9671

Protanopia

86.1492, 90.4201, 84.1464

Deuteranopia

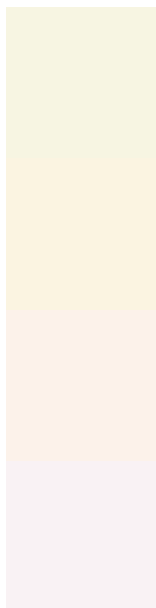
88.2753, 90.4026, 94.4582



Tritanopia

88.9296, 90.4546, 107.3801

Trichromacy



Original Color

84.7376, 90.5700, 84.9671

Protanomaly

85.7250, 90.6468, 84.2126

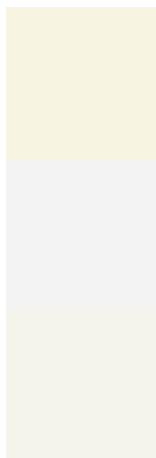
Deuteranomaly

86.7483, 90.1402, 90.6686

Tritanomaly

87.1482, 90.1757, 98.4004

Monochromacy



Original Color

84.7376, 90.5700, 84.9671

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9450, 90.0489, 93.0249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7376, 90.5700, 84.9671 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(247, 245, 226) looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 226)  
}
```

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(247, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 226) }
```

Border

The CSS property to change the border of an element to XYZ 84.7376, 90.5700, 84.9671 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(247, 245, 226) }
```


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

```
.border{ border-color:rgb(247, 245, 226) }
```

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

Here you see how a box with a 4 pixel rgb(247, 245, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7376, 90.5700, 84.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 226) }
```

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

```
.background{ background-color: rgb(247,  
245, 226) }
```

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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