

Converting Colors

XYZ(65.7214, 66.8090, 34.6308)

Have a look what the booklet for
XYZ(65.7214, 66.8090, 34.6308)
contains.

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Color

**XYZ(65.7214, 66.8090,
34.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D08D
RGB	247, 208, 141
RGB Percent	97%, 82%, 55%
CMY	0.0314, 0.1843, 0.4471
CMYK	0.00, 0.16, 0.43, 0.03
HSL	38°, 87%, 76%
HSV	38°, 43%, 97%
XYZ	65.7214, 66.8090, 34.6308
YIQ	212.0230, 44.7510, -12.5690

Conversions

Conversions Part 2

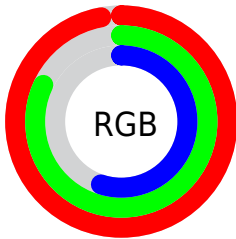
Format	Color
RYB	203, 247, 141
Decimal	16240781
CIELab	85.41, 5.04, 38.32
CIELCh	85, 38.650, 82.509
Yxy	66.8090, 0.3932, 0.3997
Android (android.graphics.Color)	4294430861 (0xFFFF7D08D)
YUV	212.0230, -35.0143, 30.6748
Hunter-Lab	81.7368, 0.4856, 32.0953

Details

The XYZ color **65.7214, 66.8090, 34.6308** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0937, 45.0191, 94.3612**, and the grayscale version is **62.8007, 66.0712, 71.9515**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **34.3873, 34.6682, 14.5521** is the 20% darker color. If you saturate the color by 10%, you get **61.9327, 61.8521, 25.2897**, and if you desaturate by 10%, it is **70.0502, 72.1899, 46.1753**.

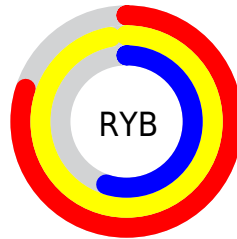
Distribution



Red (97%)

Green (82%)

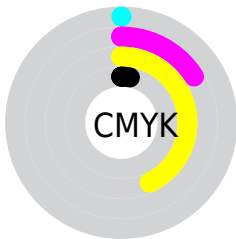
Blue (55%)



Red (80%)

Yellow (97%)

Blue (55%)

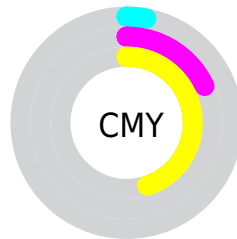


Cyan (0%)

Magenta (16%)

Yellow (43%)

Black (3%)



Cyan (3%)

Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7214, 66.8090, 34.6308 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 65.7214, 66.8090, 34.6308 by changing the saturation by 10% instead.

 65.7214, 66.8090,
34.6308

 65.7214, 66.8090,
34.6308


434.8842,
449.2646, 337.7903


 48.3131, 48.9294,
23.0973


 112.1463,
114.6467, 68.0585

 34.2872, 34.5635,
14.4594


 141.8937,
145.3736, 90.7898

 23.2783, 23.3268,
8.2985

 176.4848,
181.1517, 118.0908

 14.9209, 14.8350,
4.1960

216.2851,
222.3655, 150.3801

 8.8499, 8.7037,
1.7335

261.6598,
269.3992, 188.0761

 4.6997, 4.5484,
0.3835

312.9743,

 2.1051, 1.9848,

322.6374, 231.5975

0.0000

370.5940,
382.4644, 281.3627

■ 0.6920, 0.5986,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7214, 66.8090,
34.6308

■ 65.7214, 66.8090,
34.6308

■ 61.9327, 61.8521,
25.2897

■ 70.0502, 72.1899,
46.1753

■ 58.6496, 57.2947,
18.0021

■ 74.9412, 77.9997,
60.0515

■ 55.8404, 53.1232,
12.6055

■ 80.4211, 84.2546,
76.3829

■ 53.4673, 49.3188,
8.9109

■ 86.5133, 90.9671,
95.2826

■ 51.4846, 45.8596,
6.6894

■ 91.6716, 97.5219,
108.5997

■ 50.2690, 43.5967,
5.7655

■ 92.1678, 98.5142,
108.7651

Harmonies

Analogous

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



74.3138, 66.8090, 40.7876



65.7214, 66.8090, 34.6308



57.2672, 66.8090, 36.6588

Triad

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



65.7214, 66.8090, 34.6308



49.1751, 66.8090, 92.8189



77.8249, 66.8090, 106.2329

Complementary

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



65.7214, 66.8090, 34.6308



44.0937, 45.0191, 94.3612

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.



70.1693, 66.8090, 127.0310



65.7214, 66.8090, 34.6308



53.7896, 66.8090, 118.1272

Square

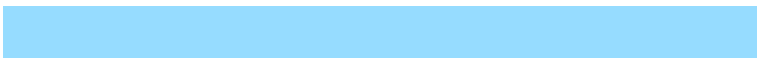
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7214, 66.8090, 34.6308



48.2205, 66.8090, 66.6339



61.3291, 66.8090, 131.8224



81.7077, 66.8090, 79.2159

Rectangle

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



65.7214, 66.8090, 34.6308



52.7845, 66.8090, 42.6616



61.3291, 66.8090, 131.8224



75.5755, 66.8090, 114.4159

Sweetspot

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



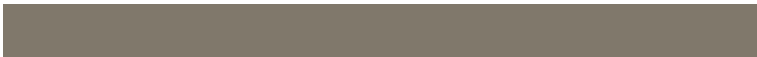
65.7231, 66.8121, 34.6322



86.3970, 90.5104, 81.9185



56.2887, 42.1868, 49.2344



18.2021, 19.0460, 16.6544



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.



65.7231, 66.8121, 34.6322



67.2897, 67.4418, 28.8563



72.2087, 86.0445, 38.0025



17.3723, 18.2288, 17.4005



26.7259, 23.3373, 3.0960



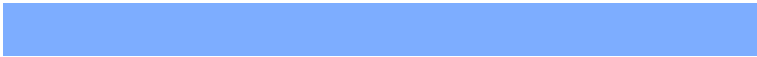
2.4468, 2.2469, 0.3047

Inverse Universe

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



44.0937, 45.0191, 94.3612



41.4038, 41.3835, 100.4133



39.5202, 32.5740, 92.2001



16.0804, 16.9250, 20.9619



10.9751, 7.7440, 47.4543



1.0592, 0.8699, 4.2023

Previews

White Background



This preview shows how the XYZ color 65.7214, 66.8090, 34.6308 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 65.7214, 66.8090, 34.6308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

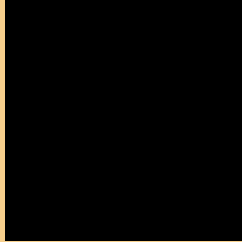
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7214, 66.8090, 34.6308

Background



This preview shows how black text looks on a background with the XYZ color 65.7214, 66.8090, 34.6308.



This preview shows how white text looks on a background with the XYZ color 65.7214, 66.8090,

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

65.7214, 66.8090, 34.6308

Protanopia

62.2832, 67.2321, 35.6810

Deuteranopia

68.1822, 66.9670, 36.1204



Tritanopia

73.4341, 66.7727, 72.6364

Trichromacy



Original Color

65.7214, 66.8090, 34.6308

Protanomaly

63.3510, 67.0445, 35.1931

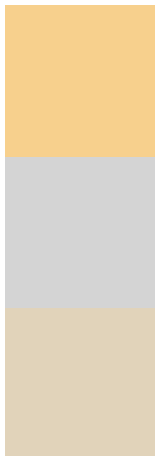
Deuteranomaly

67.2502, 66.8517, 35.7448

Tritanomaly

69.8738, 66.3381, 56.1355

Monochromacy



Original Color

65.7214, 66.8090, 34.6308

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2085, 66.1413, 55.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7214, 66.8090, 34.6308 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, 208, 141)` looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 141)  
}
```

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, 208, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 141) }
```

Border

The CSS property to change the border of an element to XYZ 65.7214, 66.8090, 34.6308 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, 208, 141) }
```


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

```
.border{ border-color:rgb(247, 208, 141) }
```

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

Here you see how a box with a 4 pixel rgb(247, 208, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 208, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 208, 141);  
box-shadow:4px 4px 4px 4px rgb(247, 208,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7214, 66.8090, 34.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 141) }
```

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

```
.background{ background-color: rgb(247,  
208, 141) }
```

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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