

Converting Colors

XYZ(75.1296, 66.0710, 34.7565)

Have a look what the booklet for
XYZ(75.1296, 66.0710, 34.7565)
contains.

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Color

**XYZ(65.0476, 60.9424,
34.3213)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC08F
RGB	255, 192, 143
RGB Percent	100%, 75%, 56%
CMY	0.0000, 0.2470, 0.4392
CMYK	0.00, 0.25, 0.44, 0.00
HSL	26°, 100%, 78%
HSV	26°, 44%, 100%
XYZ	65.0476, 60.9424, 34.3213
YIQ	205.2510, 53.2770, -1.8830

Conversions

Conversions Part 2

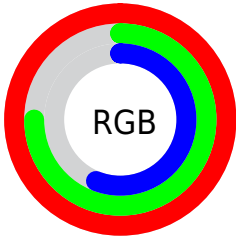
Format	Color
R_{YB}	255, 230, 143
Decimal	16760975
CIE _{Lab}	82.35, 16.71, 33.45
CIE _{LCh}	82, 37.394, 63.456
Yxy	60.9424, 0.4058, 0.3802
Android (android.graphics.Color)	4294951055 (0xFFFFC08F)
YUV	205.2510, -30.6897, 43.6299
Hunter-Lab	78.0656, 12.1190, 28.5793

Details

The XYZ color **65.0476, 60.9424, 34.3213** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4482, 57.2002, 102.9369**, and the grayscale version is **58.3550, 61.3940, 66.8580**.

A 20% lighter version of the original color is **84.8854, 92.4260, 66.1894**, and **33.7852, 30.6854, 14.2674** is the 20% darker color. If you saturate the color by 10%, you get **60.3341, 54.2634, 24.2787**, and if you desaturate by 10%, it is **70.5102, 68.4167, 46.7809**.

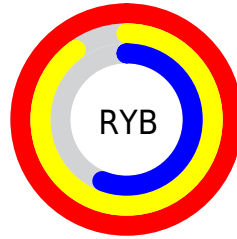
Distribution



Red (100%)

Green (75%)

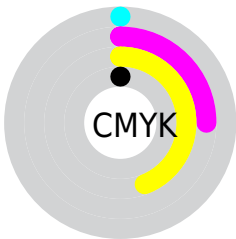
Blue (56%)



Red (100%)

Yellow (90%)

Blue (56%)

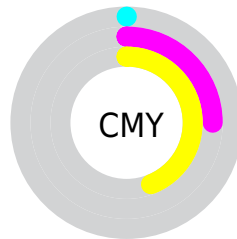


Cyan (0%)

Magenta (25%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0476, 60.9424, 34.3213 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 65.0476, 60.9424, 34.3213 by changing the saturation by 10% instead.


 65.0476, 60.9424,
34.3213

 65.0476, 60.9424,
34.3213


432.5055,
428.0628, 336.3751

 47.7645, 44.1787,
22.8612


 111.1836,
106.1955, 67.5726

 33.8509, 30.8110,
14.2867


 140.7673,
135.4537, 90.2009

 22.9414, 20.4550,
8.1793


175.1818,
169.6456, 117.3889

 14.6707, 12.7262,
4.1205

214.7926,
209.1554, 149.5553

 8.6734, 7.2403,
1.6917

259.9650,
254.3676, 187.1186

 4.5842, 3.6128,
0.3550

311.0644,

 2.0376, 1.4594,

305.6667, 230.4973

0.0000

368.4561,
363.4369, 280.1100

0.6550, 0.2599,
0.0000

0.0000, 0.0000,
0.0000

65.0476, 60.9424,
34.3213

65.0476, 60.9424,
34.3213

60.3341, 54.2634,
24.2787

70.5102, 68.4167,
46.7809

56.3262, 48.3414,
16.4878

76.7529, 76.7053,
61.8003

52.9823, 43.1475,
10.7680

83.8104, 85.8371,
79.5157

50.2536, 38.6467,
6.9089

91.7139, 95.8371,
100.0523

■ 48.0817, 34.7997, 95.0500, 100.0000,
4.6537 108.9000

■ 46.9874, 32.7547,
3.8458

Harmonies

Analogous

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



71.6771, 60.9424, 44.9768



65.0476, 60.9424, 34.3213



57.0047, 60.9424, 31.4737

Triad

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



65.0476, 60.9424, 34.3213



43.9308, 60.9424, 69.0380



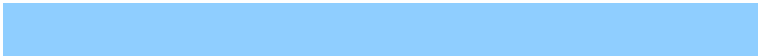
66.7923, 60.9424, 110.1344

Complementary

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



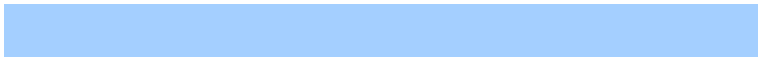
65.0476, 60.9424, 34.3213



51.4482, 57.2002, 102.9369

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.



58.8530, 60.9424, 120.5305



65.0476, 60.9424, 34.3213



46.0532, 60.9424, 93.6201

Square

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



65.0476, 60.9424, 34.3213



45.2646, 60.9424, 48.6076



51.3403, 60.9424, 113.8865



72.7476, 60.9424, 87.9710

Rectangle

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



65.0476, 60.9424, 34.3213



52.0340, 60.9424, 33.6813



51.3403, 60.9424, 113.8865



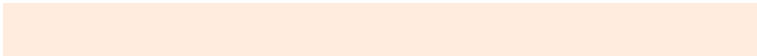
64.2423, 60.9424, 115.3254

Sweetspot

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



65.0491, 60.9453, 34.3225



84.5024, 86.7213, 81.2870



62.2602, 45.3845, 64.1693



17.7346, 18.1109, 16.4986



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.



65.0491, 60.9453, 34.3225



60.7381, 54.8465, 25.1068



79.6222, 90.0915, 39.1802



18.6633, 19.2947, 18.8849



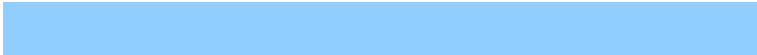
24.6944, 17.4001, 2.0570



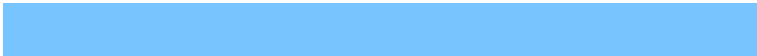
2.5109, 1.9071, 0.2358

Inverse Universe

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



51.4482, 57.2002, 102.9369



45.4845, 50.6215, 101.9814



40.3593, 35.0223, 99.2406



17.8507, 19.0730, 22.9906



14.7487, 14.4070, 51.4381



1.5448, 1.6204, 5.0446

Previews

White Background



This preview shows how the XYZ color 65.0476, 60.9424, 34.3213 looks on a white background.

Color Contrast Check

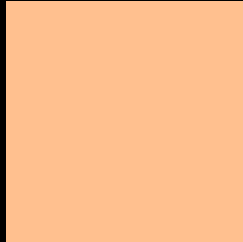
Large Text (above 18pt) WCAG AA × Fail

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 65.0476, 60.9424, 34.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

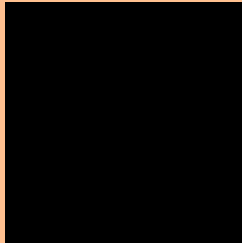
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0476, 60.9424, 34.3213

Background



This preview shows how black text looks on a background with the XYZ color 65.0476, 60.9424, 34.3213.



This preview shows how white text looks on a background with the XYZ color 65.0476, 60.9424,

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

65.0476, 60.9424, 34.3213

Protanopia

57.0749, 61.2047, 37.2393

Deuteranopia

62.2786, 60.8453, 34.0531



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

65.0476, 60.9424, 34.3213

Protanomaly

59.5250, 60.7388, 36.1902

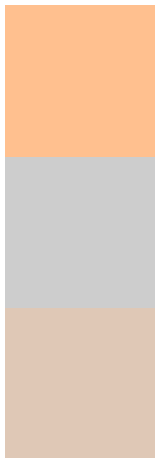
Deuteranomaly

63.4645, 61.1229, 34.0442

Tritanomaly

67.5743, 60.9099, 50.8431

Monochromacy



Original Color

65.0476, 60.9424, 34.3213

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.5292, 60.3739, 52.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0476, 60.9424, 34.3213 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, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 143)  
}
```

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, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 143) }
```

Border

The CSS property to change the border of an element to XYZ 65.0476, 60.9424, 34.3213 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, 192, 143) }
```


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

```
.border{ border-color:rgb(255, 192, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0476, 60.9424, 34.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 143) }
```

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

```
.background{ background-color: rgb(255,  
192, 143) }
```

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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