

Converting Colors

XYZ(67.0832, 65.3456, 25.4390)

Have a look what the booklet for
XYZ(67.0832, 65.3456, 25.4390)
contains.

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Color

**XYZ(65.2212, 64.2711,
25.1877)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC973
RGB	255, 201, 115
RGB Percent	100%, 79%, 45%
CMY	0.0000, 0.2117, 0.5490
CMYK	0.00, 0.21, 0.55, 0.00
HSL	37°, 100%, 73%
HSV	37°, 55%, 100%
XYZ	65.2212, 64.2711, 25.1877
YIQ	207.3420, 59.7900, -15.2980

Conversions

Conversions Part 2

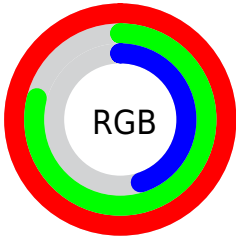
Format	Color
R_{YB}	203, 255, 115
Decimal	16763251
CIE _{Lab}	84.11, 9.52, 49.82
CIE _{LCh}	84, 50.725, 79.182
Yxy	64.2711, 0.4217, 0.4155
Android (android.graphics.Color)	4294953331 (0xFFFFC973)
YUV	207.3420, -45.5246, 41.7961
Hunter-Lab	80.1693, 4.9214, 37.4907

Details

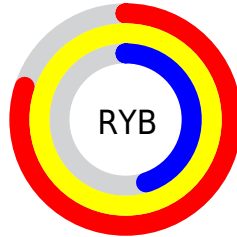
The XYZ color **65.2212, 64.2711, 25.1877** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.3076, 39.2392, 100.1097**, and the grayscale version is **59.7878, 62.9014, 68.4996**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **33.8648, 32.8397, 9.4043** is the 20% darker color. If you saturate the color by 10%, you get **61.7326, 59.3264, 17.7597**, and if you desaturate by 10%, it is **69.2655, 69.6780, 34.8042**.

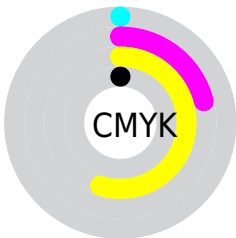
Distribution



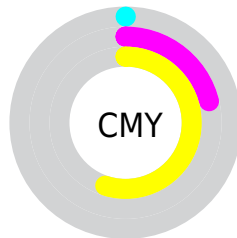
- Red (100%)
- Green (79%)
- Blue (45%)



- Red (80%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2212, 64.2711, 25.1877 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 65.2212, 64.2711, 25.1877 by changing the saturation by 10% instead.

65.2212, 64.2711,
25.1877

65.2212, 64.2711,
25.1877

433.1191,
440.1680, 292.2490

47.9058, 46.8703,
15.9967

111.4318,
111.0013, 52.9295

33.9633, 32.9331,
9.3675

141.0577,
141.0994, 72.3173

23.0281, 22.0752,
4.8816

175.5178,
176.1988, 95.9411

14.7351, 13.9122,
2.1204

215.1775,
216.6838, 124.2194

8.7188, 8.0596,
0.6279

260.4021,
262.9388, 157.5708

4.6138, 4.1331,
0.0000

311.5570,

2.0549, 1.7483,

315.3483, 196.4138

0.0000

369.0075,
374.2965, 241.1670

0.6645, 0.4546,
0.0000

0.0000, 0.0000,
0.0000

65.2212, 64.2711,
25.1877

65.2212, 64.2711,
25.1877

61.7326, 59.3264,
17.7597

69.2655, 69.6780,
34.8042

58.7579, 54.8153,
12.3344

73.8940, 75.5551,
46.7665

56.2560, 50.7193,
8.7013

79.1384, 81.9219,
61.2221

54.1745, 47.0129,
6.6000

85.0264, 88.7934,
78.3047

■ 53.2383, 45.2568,
5.9295

■ 91.5840, 96.1840,
98.1389

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



76.2800, 64.2711, 32.9017



65.2212, 64.2711, 25.1877



54.2790, 64.2711, 26.3847

Triad

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



65.2212, 64.2711, 25.1877



42.9156, 64.2711, 92.2738



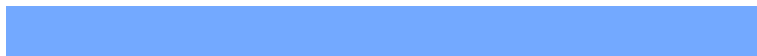
78.8855, 64.2711, 118.5551

Complementary

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



65.2212, 64.2711, 25.1877



39.3076, 39.2392, 100.1097

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.



68.4434, 64.2711, 145.9272



65.2212, 64.2711, 25.1877



48.0598, 64.2711, 127.8299

Square

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



65.2212, 64.2711, 25.1877



42.2761, 64.2711, 59.0269



57.1327, 64.2711, 149.7619



84.7863, 64.2711, 82.2113

Rectangle

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



65.2212, 64.2711, 25.1877



48.4625, 64.2711, 32.2218



57.1327, 64.2711, 149.7619



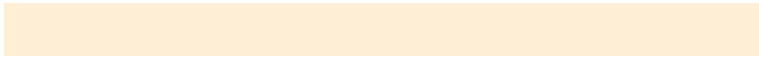
75.7349, 64.2711, 129.5295

Sweetspot

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



65.2227, 64.2742, 25.1890



84.3472, 88.0133, 76.2950



54.7217, 36.4623, 42.6825



17.7860, 18.5292, 15.5435



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.



65.2227, 64.2742, 25.1890



61.3813, 58.8097, 17.0690



75.1302, 91.4584, 29.9139



18.9385, 19.8452, 18.9767



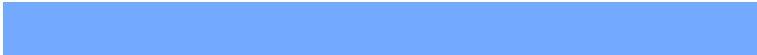
27.9673, 23.9459, 3.1480



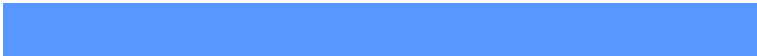
2.8290, 2.5434, 0.3418

Inverse Universe

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



39.3076, 39.2392, 100.1097



33.1173, 31.5615, 98.9542



33.2346, 24.1493, 97.5171



17.5774, 18.5263, 22.8995



11.8643, 8.6381, 50.4766



1.2572, 1.0450, 4.9487

Previews

White Background



This preview shows how the XYZ color 65.2212, 64.2711, 25.1877 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 65.2212, 64.2711, 25.1877 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 65.2212, 64.2711, 25.1877

Background



This preview shows how black text looks on a background with the XYZ color 65.2212, 64.2711, 25.1877.



This preview shows how white text looks on a background with the XYZ color 65.2212, 64.2711,

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

65.2212, 64.2711, 25.1877

Protanopia

59.2716, 64.3901, 26.4441

Deuteranopia

65.5778, 64.4138, 27.0659



Tritanopia

71.6724, 64.2998, 67.0261

Trichromacy



Original Color

65.2212, 64.2711, 25.1877

Protanomaly

61.4589, 64.4353, 26.0276

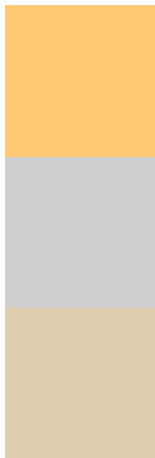
Deuteranomaly

65.4564, 64.3652, 26.4266

Tritanomaly

68.7491, 64.2096, 48.3054

Monochromacy



Original Color

65.2212, 64.2711, 25.1877

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2118, 62.5659, 48.9473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2212, 64.2711, 25.1877 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, 201, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 115)  
}
```

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, 201, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 115) }
```

Border

The CSS property to change the border of an element to XYZ 65.2212, 64.2711, 25.1877 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, 201, 115) }
```


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

```
.border{ border-color:rgb(255, 201, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2212, 64.2711, 25.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 115) }
```

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

```
.background{ background-color: rgb(255,  
201, 115) }
```

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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