

Converting Colors

XYZ(65.7012, 65.2405, 25.3186)

Have a look what the booklet for
XYZ(65.7012, 65.2405, 25.3186)
contains.

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Color

**XYZ(65.6904, 65.2097,
25.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCB73
RGB	255, 203, 115
RGB Percent	100%, 80%, 45%
CMY	0.0000, 0.2039, 0.5490
CMYK	0.00, 0.20, 0.55, 0.00
HSL	38°, 100%, 73%
HSV	38°, 55%, 100%
XYZ	65.6904, 65.2097, 25.3441
YIQ	208.5160, 59.2400, -16.3440

Conversions

Conversions Part 2

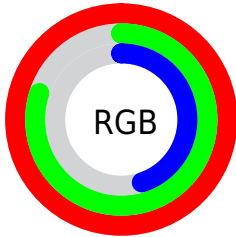
Format	Color
RYB	198, 255, 115
Decimal	16763763
CIELab	84.59, 8.49, 50.41
CIELCh	85, 51.116, 80.445
Yxy	65.2097, 0.4204, 0.4174
Android (android.graphics.Color)	4294953843 (0xFFFFCB73)
YUV	208.5160, -46.1034, 40.7665
Hunter-Lab	80.7525, 3.8889, 37.9187

Details

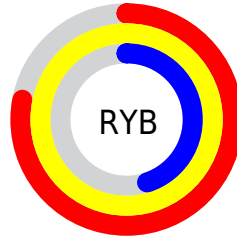
The XYZ color **65.6904, 65.2097, 25.3441** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.9382, 38.5005, 99.9862**, and the grayscale version is **60.5541, 63.7076, 69.3776**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **34.1785, 33.4672, 9.5089** is the 20% darker color. If you saturate the color by 10%, you get **62.2529, 60.3672, 17.9332**, and if you desaturate by 10%, it is **69.6734, 70.4940, 34.9401**.

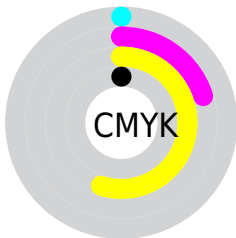
Distribution



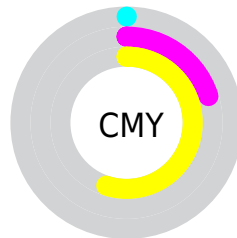
- Red (100%)
- Green (80%)
- Blue (45%)



- Red (78%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6904, 65.2097, 25.3441 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 65.6904, 65.2097, 25.3441 by changing the saturation by 10% instead.


 65.6904, 65.2097,
25.3441


 65.6904, 65.2097,
25.3441


434.7749,
443.5452, 293.0496

 48.2879, 47.6311,
16.1123


 112.1021,
112.3513, 53.1859

 34.2671, 33.5349,
9.4484


 141.8419,
142.6831, 72.6330

 23.2628, 22.5365,
4.9340

 176.4249,
178.0348, 96.3222

 14.9094, 14.2516,
2.1505

216.2165,
218.7908, 124.6721

 8.8417, 8.2959,
0.6456

261.5819,
265.3354, 158.1013

 4.6944, 4.2849,
0.0000

312.8865,

 2.1020, 1.8342,

318.0530, 197.0282

0.0000

370.4958,
377.3282, 241.8715

■ 0.6903, 0.5083,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6904, 65.2097,
25.3441

■ 65.6904, 65.2097,
25.3441

■ 62.2529, 60.3672,
17.9332

■ 69.6734, 70.4940,
34.9401

■ 59.3195, 55.9386,
12.5216

■ 74.2302, 76.2277,
46.8786

■ 56.8492, 51.9060,
8.8991

■ 79.3920, 82.4295,
61.3066

■ 54.7903, 48.2446,
6.8052

■ 85.1865, 89.1139,
78.3580

■ 53.8621, 46.5045,
6.1374

■ 91.6393, 96.2949,
98.1572

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



77.0137, 65.2097, 32.7651



65.6904, 65.2097, 25.3441



54.6340, 65.2097, 26.9275

Triad

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



65.6904, 65.2097, 25.3441



43.6255, 65.2097, 95.2659



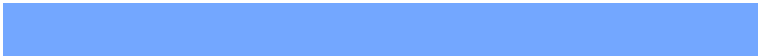
80.4635, 65.2097, 118.9545

Complementary

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



65.6904, 65.2097, 25.3441



38.9382, 38.5005, 99.9862

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.



69.9564, 65.2097, 147.5672



65.6904, 65.2097, 25.3441



49.0421, 65.2097, 131.2373

Square

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



65.6904, 65.2097, 25.3441



42.7791, 65.2097, 61.0824



58.4118, 65.2097, 152.6459



86.2067, 65.2097, 81.9419

Rectangle

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



65.6904, 65.2097, 25.3441



48.8195, 65.2097, 33.1405



58.4118, 65.2097, 152.6459



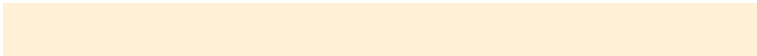
77.3152, 65.2097, 130.2965

Sweetspot

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



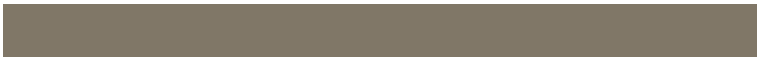
65.6920, 65.2128, 25.3454



84.5184, 88.3557, 76.3521



54.5010, 36.3740, 41.5212



17.8269, 18.6110, 15.5572



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.



65.6920, 65.2128, 25.3454



61.9068, 59.8608, 17.2441



74.3385, 91.0501, 29.8768



18.9610, 19.8902, 18.9842



28.2921, 24.5955, 3.2562



2.8594, 2.6042, 0.3520

Inverse Universe

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



38.9382, 38.5005, 99.9862



32.7322, 30.7913, 98.8259



33.5930, 24.3341, 97.5336



17.5556, 18.4827, 22.8922



11.6865, 8.2825, 50.4173



1.2383, 1.0073, 4.9424

Previews

White Background



This preview shows how the XYZ color 65.6904, 65.2097, 25.3441 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 65.6904, 65.2097, 25.3441 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 65.6904, 65.2097, 25.3441

Background



This preview shows how black text looks on a background with the XYZ color 65.6904, 65.2097, 25.3441.



This preview shows how white text looks on a background with the XYZ color 65.6904, 65.2097,

25.3441.

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

65.6904, 65.2097, 25.3441

Protanopia

60.0922, 65.5508, 26.6249

Deuteranopia

66.1913, 65.0334, 29.1427



Tritanopia

72.3651, 65.2939, 68.4634

Trichromacy



Original Color

65.6904, 65.2097, 25.3441

Protanomaly

61.9465, 65.4105, 26.1902

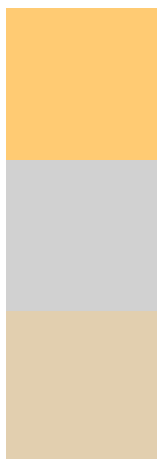
Deuteranomaly

65.9357, 64.9311, 27.7967

Tritanomaly

69.3034, 65.1628, 48.9694

Monochromacy



Original Color

65.6904, 65.2097, 25.3441

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.4147, 63.8895, 49.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6904, 65.2097, 25.3441 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, 203, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 115) }
```

Border

The CSS property to change the border of an element to XYZ 65.6904, 65.2097, 25.3441 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, 203, 115) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6904, 65.2097, 25.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 115) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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