

Converting Colors

XYZ(108.4659, 83.8594,
26.6865)

Have a look what the booklet for
XYZ(108.4659, 83.8594, 26.6865)
contains.

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Color

**XYZ(63.4045, 60.6377,
24.5821)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC173
RGB	255, 193, 115
RGB Percent	100%, 76%, 45%
CMY	0.0000, 0.2431, 0.5490
CMYK	0.00, 0.24, 0.55, 0.00
HSL	33°, 100%, 73%
HSV	33°, 55%, 100%
XYZ	63.4045, 60.6377, 24.5821
YIQ	202.6460, 61.9900, -11.1140

Conversions

Conversions Part 2

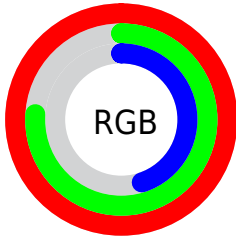
Format	Color
R _Y B	226, 255, 115
Decimal	16761203
CIE Lab	82.18, 13.68, 47.50
CIE LCh	82, 49.430, 73.937
Yxy	60.6377, 0.4266, 0.4080
Android (android.graphics.Color)	4294951283 (0xFFFFC173)
YUV	202.6460, -43.2095, 45.9145
Hunter-Lab	77.8702, 9.0677, 35.7925

Details

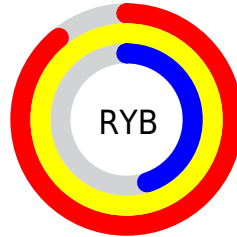
The XYZ color **63.4045, 60.6377, 24.5821** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.8417, 42.3074, 100.6210**, and the grayscale version is **56.7791, 59.7361, 65.0526**.

A 20% lighter version of the original color is **82.1836, 91.8385, 50.4409**, and **32.8092, 30.7284, 9.0524** is the 20% darker color. If you saturate the color by 10%, you get **59.7338, 55.3289, 17.0934**, and if you desaturate by 10%, it is **67.6745, 66.4960, 34.2737**.

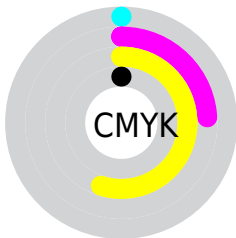
Distribution



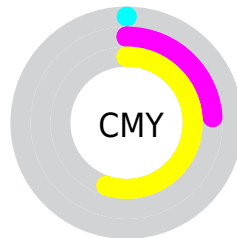
- Red (100%)
- Green (76%)
- Blue (45%)



- Red (89%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4045, 60.6377, 24.5821 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 63.4045, 60.6377, 24.5821 by changing the saturation by 10% instead.


 63.4045, 60.6377,
24.5821

 63.4045, 60.6377,
24.5821


426.6724,
426.9443, 289.1311


 46.4284, 43.9328,
15.5498


 108.8314,
105.7542, 51.9341

 32.7901, 30.6177,
9.0553


 138.0129,
134.9346, 71.0910

 22.1241, 20.3079,
4.6799


 171.9936,
169.0423, 94.4597

 14.0653, 12.6191,
2.0053

211.1389,
208.4617, 122.4589

 8.2481, 7.1668,
0.5585

255.8140,
253.5773, 155.5071

 4.3072, 3.5666,
0.0000

306.3844,

 1.8774, 1.4342,

304.7733, 194.0228

0.0000

363.2154,
362.4342, 238.4246

■ 0.5636, 0.2417,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4045, 60.6377,
24.5821

■ 63.4045, 60.6377,
24.5821

■ 59.7338, 55.3289,
17.0934

■ 67.6745, 66.4960,
34.2737

■ 56.6195, 50.5385,
11.6216

■ 72.5740, 72.9152,
46.3264

■ 54.0186, 46.2446,
7.9555

■ 78.1360, 79.9173,
60.8878

■ 51.8773, 42.4185,
5.8342

■ 84.3897, 87.5201,
78.0923

50.9251, 40.6303,
5.1584

91.3622, 95.7405,
98.0648

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.



73.4340, 60.6377, 33.4748



63.4045, 60.6377, 24.5821



52.9057, 60.6377, 24.2959

Triad

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



63.4045, 60.6377, 24.5821



40.1719, 60.6377, 80.9575



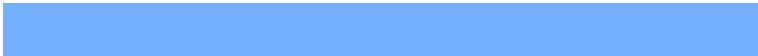
72.8133, 60.6377, 117.0431

Complementary

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



63.4045, 60.6377, 24.5821



40.8417, 42.3074, 100.6210

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.



62.6366, 60.6377, 139.5691



63.4045, 60.6377, 24.5821



44.2808, 60.6377, 114.8353

Square

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



63.4045, 60.6377, 24.5821



40.3245, 60.6377, 51.2796



52.2253, 60.6377, 138.6566



79.3004, 60.6377, 83.3545

Rectangle

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



63.4045, 60.6377, 24.5821



47.0790, 60.6377, 28.7258



52.2253, 60.6377, 138.6566



69.6600, 60.6377, 126.5711

Sweetspot

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



63.4060, 60.6407, 24.5833



83.6680, 86.6549, 76.0686



55.4069, 36.7363, 46.2906



17.6239, 18.2050, 15.4895



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.



63.4060, 60.6407, 24.5833



59.3652, 54.7775, 16.3969



77.5659, 92.7141, 30.0278



18.8488, 19.6658, 18.9468



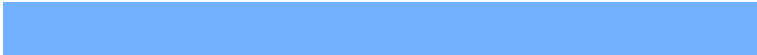
26.7609, 21.5330, 2.7458



2.7146, 2.3145, 0.3037

Inverse Universe

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



40.8417, 42.3074, 100.6210



34.7369, 34.8006, 99.4941



32.2073, 23.6197, 97.4690



17.6650, 18.7017, 22.9287



12.6555, 10.2207, 50.7403



1.3390, 1.2088, 4.9760

Previews

White Background



This preview shows how the XYZ color 63.4045, 60.6377, 24.5821 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 63.4045, 60.6377, 24.5821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

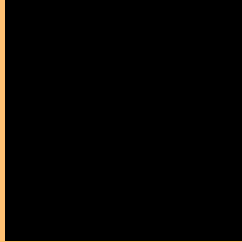
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4045, 60.6377, 24.5821

Background



This preview shows how black text looks on a background with the XYZ color 63.4045, 60.6377, 24.5821.



This preview shows how white text looks on a background with the XYZ color 63.4045, 60.6377,

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

63.4045, 60.6377, 24.5821

Protanopia

55.9016, 60.8418, 26.2501

Deuteranopia

62.0340, 60.5920, 24.6455



Tritanopia

68.9919, 60.4550, 61.4588

Trichromacy



Original Color

63.4045, 60.6377, 24.5821

Protanomaly

58.4176, 60.7435, 25.7853

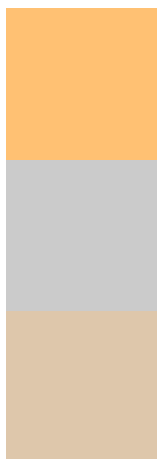
Deuteranomaly

62.5312, 60.5168, 24.6048

Tritanomaly

66.5055, 60.4823, 45.2148

Monochromacy



Original Color

63.4045, 60.6377, 24.5821

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8983, 59.3167, 46.9258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4045, 60.6377, 24.5821 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, 193, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 115) }
```

Border

The CSS property to change the border of an element to XYZ 63.4045, 60.6377, 24.5821 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, 193, 115) }
```


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

```
.border{ border-color:rgb(255, 193, 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, 193, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4045, 60.6377, 24.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 115) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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