

Converting Colors

XYZ(64.0602, 61.5389, 26.0655)

Have a look what the booklet for
XYZ(64.0602, 61.5389, 26.0655)
contains.

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Color

**XYZ(64.0849, 61.6221,
25.9694)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC377
RGB	255, 195, 119
RGB Percent	100%, 76%, 47%
CMY	0.0000, 0.2353, 0.5333
CMYK	0.00, 0.24, 0.53, 0.00
HSL	34°, 100%, 73%
HSV	34°, 53%, 100%
XYZ	64.0849, 61.6221, 25.9694
YIQ	204.2760, 60.1560, -10.9160

Conversions

Conversions Part 2

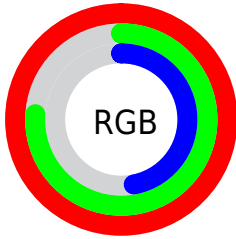
Format	Color
R _Y B	226, 255, 119
Decimal	16761719
CIE Lab	82.71, 12.96, 46.16
CIE LCh	83, 47.946, 74.323
Yxy	61.6221, 0.4225, 0.4063
Android (android.graphics.Color)	4294951799 (0xFFFFC377)
YUV	204.2760, -42.0411, 44.4849
Hunter-Lab	78.4997, 8.3476, 35.3354

Details

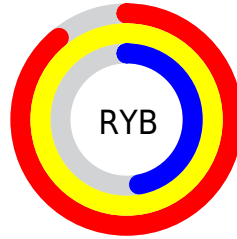
The XYZ color **64.0849, 61.6221, 25.9694** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.7772, 43.3804, 100.7788**, and the grayscale version is **57.8015, 60.8117, 66.2240**.

A 20% lighter version of the original color is **83.2800, 93.2715, 53.1490**, and **33.0739, 31.0692, 9.7226** is the 20% darker color. If you saturate the color by 10%, you get **60.3282, 56.2396, 18.1487**, and if you desaturate by 10%, it is **68.4453, 67.5547, 36.0192**.

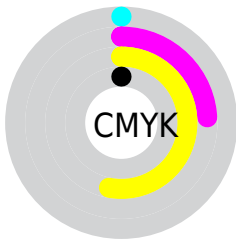
Distribution



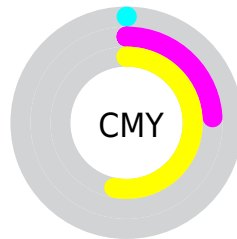
- Red (100%)
- Green (76%)
- Blue (47%)



- Red (89%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0849, 61.6221, 25.9694 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 64.0849, 61.6221, 25.9694 by changing the saturation by 10% instead.


 64.0849, 61.6221,
25.9694


 64.0849, 61.6221,
25.9694


429.0935,
430.5513, 296.2325


 46.9814, 44.7274,
16.5752


 109.8062,
107.1792, 54.2091

 33.2288, 31.2428,
9.7733


 139.1548,
136.6104, 73.8916

 22.4619, 20.7838,
5.1453


 173.3157,
170.9892, 97.8406

 14.3152, 12.9660,
2.2725

212.6544,
210.7000, 126.4747

 8.4234, 7.4052,
0.7158

257.5361,
256.1272, 160.2124

 4.4211, 3.7168,
0.0000

308.3263,

 1.9430, 1.5164,

307.6552, 199.4723

0.0000

365.3904,
365.6685, 244.6728

■ 0.6016, 0.3002,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0849, 61.6221,
25.9694

■ 64.0849, 61.6221,
25.9694

■ 60.3282, 56.2396,
18.1487

■ 68.4453, 67.5547,
36.0192

■ 57.1329, 51.3764,
12.3746

■ 73.4389, 74.0485,
48.4535

■ 54.4572, 47.0114,
8.4418

■ 79.0982, 81.1250,
63.4178

■ 52.2492, 43.1166,
6.0989

■ 85.4521, 88.8020,
81.0448

■ 50.9890, 40.7583,
5.1797

■ 92.5273, 97.0960,
101.4581

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.



73.9078, 61.6221, 34.7628



64.0849, 61.6221, 25.9694



53.8071, 61.6221, 25.7855

Triad

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



64.0849, 61.6221, 25.9694



41.4038, 61.6221, 82.1242



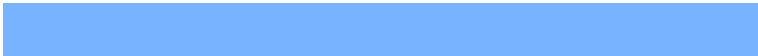
73.5219, 61.6221, 116.3897

Complementary

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



64.0849, 61.6221, 25.9694



41.7772, 43.3804, 100.7788

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.



63.6059, 61.6221, 138.4007



64.0849, 61.6221, 25.9694



45.5160, 61.6221, 115.0262

Square

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



64.0849, 61.6221, 25.9694



41.5001, 61.6221, 52.9098



53.3809, 61.6221, 137.8391



79.7764, 61.6221, 83.6151

Rectangle

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



64.0849, 61.6221, 25.9694



48.1001, 61.6221, 30.3151



53.3809, 61.6221, 137.8391



70.4586, 61.6221, 125.6687

Sweetspot

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



64.0864, 61.6251, 25.9706



83.6879, 86.6946, 76.0752



56.0957, 37.7576, 47.6189



17.6287, 18.2145, 15.4911



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.



64.0864, 61.6251, 25.9706



60.0980, 55.8991, 17.7015



77.8721, 92.8447, 31.2700



18.8515, 19.6711, 18.9477



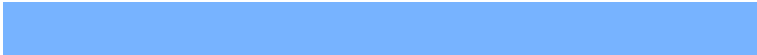
26.7943, 21.5999, 2.7570



2.7178, 2.3210, 0.3047

Inverse Universe

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



41.7772, 43.3804, 100.7788



35.6821, 35.9619, 99.6684



33.2221, 24.8348, 97.6500



17.6624, 18.6965, 22.9278



12.6304, 10.1704, 50.7320



1.3365, 1.2036, 4.9752

Previews

White Background



This preview shows how the XYZ color 64.0849, 61.6221, 25.9694 looks on a white background.

Color Contrast Check

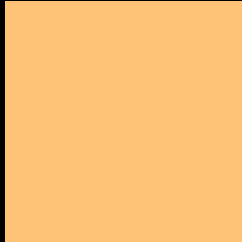
Large Text (above 18pt) WCAG AA × Fail

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 64.0849, 61.6221, 25.9694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

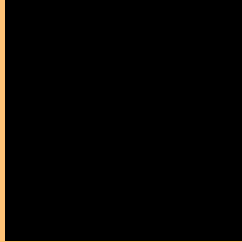
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0849, 61.6221, 25.9694

Background



This preview shows how black text looks on a background with the XYZ color 64.0849, 61.6221, 25.9694.



This preview shows how white text looks on a background with the XYZ color 64.0849, 61.6221,

25.9694.

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

64.0849, 61.6221, 25.9694

Protanopia

57.0105, 61.7414, 27.6514

Deuteranopia

63.0797, 61.7736, 26.0516



Tritanopia

69.6485, 61.3966, 62.8234

Trichromacy



Original Color

64.0849, 61.6221, 25.9694

Protanomaly

59.5584, 61.6507, 27.1731

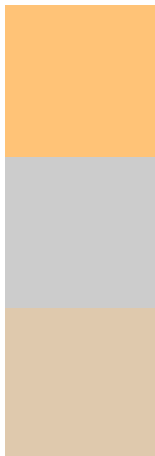
Deuteranomaly

63.2146, 61.5072, 25.9931

Tritanomaly

67.2215, 61.4619, 46.8484

Monochromacy



Original Color

64.0849, 61.6221, 25.9694

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.8609, 60.4784, 48.1064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0849, 61.6221, 25.9694 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, 195, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 119)  
}
```

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, 195, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 119) }
```

Border

The CSS property to change the border of an element to XYZ 64.0849, 61.6221, 25.9694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

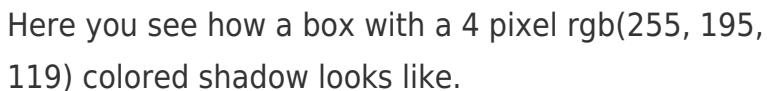
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 195, 119) }
```


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

```
.border{ border-color:rgb(255, 195, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 195, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 119); box-shadow:4px 4px 4px 4px rgb(255, 195, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0849, 61.6221, 25.9694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 119) }
```

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

```
.background{ background-color: rgb(255,  
195, 119) }
```

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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