

Converting Colors

XYZ(65.2266, 62.5530, 24.6152)

Have a look what the booklet for
XYZ(65.2266, 62.5530, 24.6152)
contains.

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Color

**XYZ(64.0172, 61.9548,
24.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC472
RGB	255, 196, 114
RGB Percent	100%, 77%, 45%
CMY	0.0000, 0.2313, 0.5529
CMYK	0.00, 0.23, 0.55, 0.00
HSL	35°, 100%, 72%
HSV	35°, 55%, 100%
XYZ	64.0172, 61.9548, 24.5040
YIQ	204.2930, 61.4860, -12.9940

Conversions

Conversions Part 2

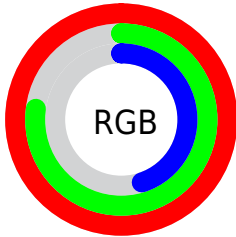
Format	Color
R_{YB}	215, 255, 114
Decimal	16761970
CIE _{Lab}	82.89, 12.04, 48.85
CIE _{LCh}	83, 50.307, 76.156
Yxy	61.9548, 0.4254, 0.4117
Android (android.graphics.Color)	4294952050 (0xFFFFC472)
YUV	204.2930, -44.5144, 44.4700
Hunter-Lab	78.7114, 7.4320, 36.6401

Details

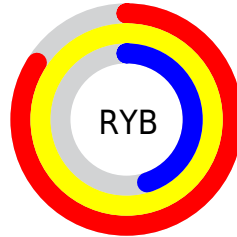
The XYZ color **64.0172, 61.9548, 24.5040** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.9323, 40.6828, 100.3552**, and the grayscale version is **57.8270, 60.8385, 66.2531**.

A 20% lighter version of the original color is **83.4332, 94.3377, 50.8574**, and **33.0759, 31.3070, 9.0022** is the 20% darker color. If you saturate the color by 10%, you get **60.4419, 56.8123, 17.1223**, and if you desaturate by 10%, it is **68.1712, 67.6075, 34.0755**.

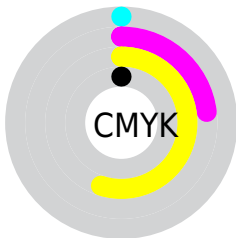
Distribution



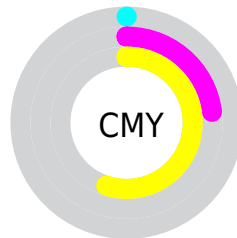
- Red (100%)
- Green (77%)
- Blue (45%)



- Red (84%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0172, 61.9548, 24.5040 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 64.0172, 61.9548, 24.5040 by changing the saturation by 10% instead.

64.0172, 61.9548,
24.5040

64.0172, 61.9548,
24.5040

428.8530,
431.7662, 288.7269

46.9263, 44.9962,
15.4923

109.7093,
107.6602, 51.8055

33.1851, 31.4544,
9.0151

139.0413,
137.1758, 70.9324

22.4282, 20.9451,
4.6541

173.1843,
171.6458, 94.2680

14.2902, 13.0839,
1.9906

212.5037,
211.4546, 122.2310

8.4059, 7.4863,
0.5495

257.3650,
256.9867, 155.2398

4.4097, 3.7681,
0.0000

308.1334,

1.9364, 1.5447,

308.6264, 193.7131

0.0000

365.1743,
366.7581, 238.0692

■ 0.5979, 0.3199,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0172, 61.9548,
24.5040

■ 64.0172, 61.9548,
24.5040

■ 60.4419, 56.8123,
17.1223

■ 68.1712, 67.6075,
34.0755

■ 57.4026, 52.1499,
11.7435

■ 72.9334, 73.7804,
45.9954

■ 54.8571, 47.9474,
8.1554

■ 78.3364, 80.4942,
60.4117

■ 52.7516, 44.1773,
6.0947

■ 84.4086, 87.7655,
77.4589

■ 51.8782, 42.5367,
5.4761

■ 91.1768, 95.6102,
97.2620

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



74.5417, 61.9548, 32.9063



64.0172, 61.9548, 24.5040



53.2729, 61.9548, 24.8230

Triad

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



64.0172, 61.9548, 24.5040



41.0442, 61.9548, 85.4754



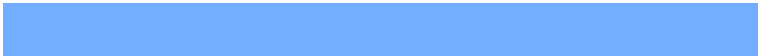
75.2402, 61.9548, 117.8506

Complementary

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



64.0172, 61.9548, 24.5040



39.9323, 40.6828, 100.3552

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.



64.8805, 61.9548, 142.6027



64.0172, 61.9548, 24.5040



45.5922, 61.9548, 120.3400

Square

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



64.0172, 61.9548, 24.5040



40.8732, 61.9548, 54.1556



54.0369, 61.9548, 143.6327



81.5390, 61.9548, 82.7783

Rectangle

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



64.0172, 61.9548, 24.5040



47.4216, 61.9548, 29.8195



54.0369, 61.9548, 143.6327



72.0639, 61.9548, 128.0688

Sweetspot

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



64.0187, 61.9578, 24.5052



83.3239, 86.4846, 74.3577



55.0052, 36.3942, 44.7352



17.5669, 18.1930, 15.1561



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.



64.0187, 61.9578, 24.5052



60.2101, 56.4673, 16.6786



76.6630, 92.2551, 29.6868



18.8871, 19.7423, 18.9595



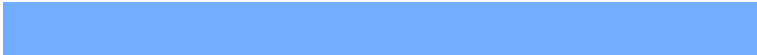
27.2585, 22.5283, 2.9117



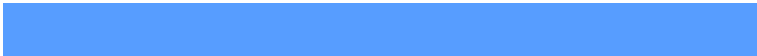
2.7621, 2.4096, 0.3195

Inverse Universe

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



39.9323, 40.6828, 100.3552



34.0291, 33.3851, 99.2582



32.2935, 23.4958, 97.4404



17.6275, 18.6266, 22.9162



12.3015, 9.5126, 50.6223



1.3028, 1.1363, 4.9639

Previews

White Background



This preview shows how the XYZ color 64.0172, 61.9548, 24.5040 looks on a white background.

Color Contrast Check

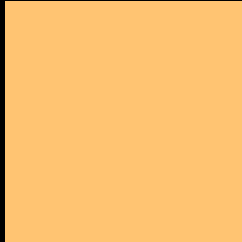
Large Text (above 18pt) WCAG AA × Fail

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 64.0172, 61.9548, 24.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

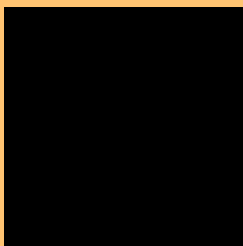
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.0172, 61.9548, 24.5040

Background



This preview shows how black text looks on a background with the XYZ color 64.0172, 61.9548, 24.5040.



This preview shows how white text looks on a background with the XYZ color 64.0172, 61.9548,

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

64.0172, 61.9548, 24.5040

Protanopia

57.2614, 62.2645, 26.1398

Deuteranopia

63.5115, 62.0301, 24.5452



Tritanopia

69.9802, 61.8722, 63.5125

Trichromacy



Original Color

64.0172, 61.9548, 24.5040

Protanomaly

59.4919, 62.0008, 25.6614

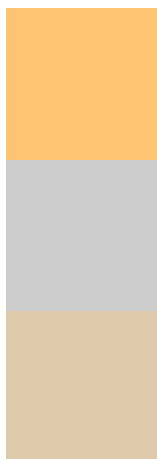
Deuteranomaly

63.8766, 62.2182, 24.5623

Tritanomaly

67.2511, 61.8238, 45.9248

Monochromacy



Original Color

64.0172, 61.9548, 24.5040

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.6688, 60.4015, 47.0946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0172, 61.9548, 24.5040 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, 196, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 114)  
}
```

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, 196, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 114) }
```

Border

The CSS property to change the border of an element to XYZ 64.0172, 61.9548, 24.5040 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, 196, 114) }
```


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

```
.border{ border-color:rgb(255, 196, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0172, 61.9548, 24.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 114) }
```

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

```
.background{ background-color: rgb(255,  
196, 114) }
```

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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