

Converting Colors

XYZ(108.5987, 84.2363,
26.7984)

Have a look what the booklet for
XYZ(108.5987, 84.2363, 26.7984)
contains.

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Color

**XYZ(63.6263, 61.0814,
24.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC273
RGB	255, 194, 115
RGB Percent	100%, 76%, 45%
CMY	0.0000, 0.2392, 0.5490
CMYK	0.00, 0.24, 0.55, 0.00
HSL	34°, 100%, 73%
HSV	34°, 55%, 100%
XYZ	63.6263, 61.0814, 24.6561
YIQ	203.2330, 61.7150, -11.6370

Conversions

Conversions Part 2

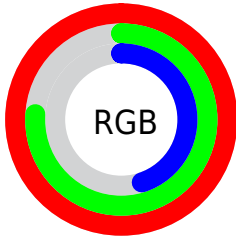
Format	Color
R_{YB}	223, 255, 115
Decimal	16761459
CIE _{Lab}	82.42, 13.16, 47.79
CIE _{LCh}	82, 49.568, 74.609
Yxy	61.0814, 0.4260, 0.4089
Android (android.graphics.Color)	4294951539 (0xFFFFC273)
YUV	203.2330, -43.4989, 45.3997
Hunter-Lab	78.1546, 8.5478, 36.0035

Details

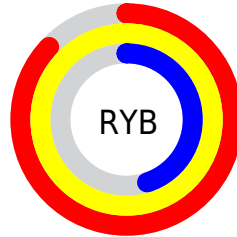
The XYZ color **63.6263, 61.0814, 24.6561** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.6448, 41.9137, 100.5552**, and the grayscale version is **57.1503, 60.1266, 65.4778**.

A 20% lighter version of the original color is **82.4935, 92.4584, 50.5442**, and **32.8092, 30.7284, 9.0524** is the 20% darker color. If you saturate the color by 10%, you get **59.9765, 55.8142, 17.1743**, and if you desaturate by 10%, it is **67.8697, 66.8866, 34.3389**.

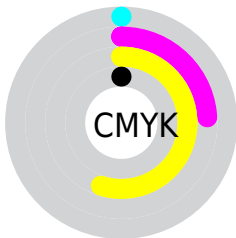
Distribution



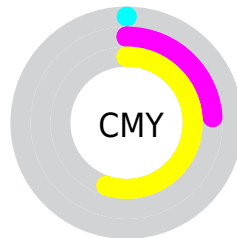
- Red (100%)
- Green (76%)
- Blue (45%)



- Red (87%)
- 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 63.6263, 61.0814, 24.6561 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 63.6263, 61.0814, 24.6561 by changing the saturation by 10% instead.


 63.6263, 61.0814,
24.6561

 63.6263, 61.0814,
24.6561


427.4625,
428.5724, 289.5136

 46.6086, 44.2909,
15.6043


 109.1493,
106.3968, 52.0559

 32.9330, 30.8992,
9.0933


 138.3854,
135.6904, 71.2411

 22.2341, 20.5221,
4.7044


 172.4249,
169.9206, 94.6412

 14.1466, 12.7752,
2.0192

211.6333,
209.4716, 122.6746

 8.3051, 7.2739,
0.5671

256.3759,
254.7279, 155.7601

 4.3442, 3.6340,
0.0000

307.0181,

 1.8987, 1.4710,

306.0739, 194.3160

0.0000

363.9252,
363.8939, 238.7610

■ 0.5761, 0.2682,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6263, 61.0814,
24.6561

■ 63.6263, 61.0814,
24.6561

■ 59.9765, 55.8142,
17.1743

■ 67.8697, 66.8866,
34.3389

■ 56.8774, 51.0544,
11.7076

■ 72.7368, 73.2408,
46.3807

■ 54.2865, 46.7805,
8.0448

■ 78.2601, 80.1656,
60.9293

■ 52.1501, 42.9642,
5.9252

■ 84.4688, 87.6784,
78.1188

51.1985, 41.1772,
5.2495

91.3898, 95.7957,
98.0740

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.



73.7820, 61.0814, 33.4008



63.6263, 61.0814, 24.6561



53.0733, 61.0814, 24.5499

Triad

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



63.6263, 61.0814, 24.6561



40.5066, 61.0814, 82.3160



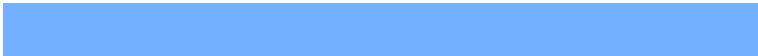
73.5516, 61.0814, 117.2243

Complementary

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



63.6263, 61.0814, 24.6561



40.6448, 41.9137, 100.5552

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.



63.3413, 61.0814, 140.3461



63.6263, 61.0814, 24.6561



44.7403, 61.0814, 116.4049

Square

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



63.6263, 61.0814, 24.6561



40.5633, 61.0814, 52.2073



52.8208, 61.0814, 140.0074



79.9692, 61.0814, 83.2056

Rectangle

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



63.6263, 61.0814, 24.6561



47.2480, 61.0814, 29.1475



52.8208, 61.0814, 140.0074



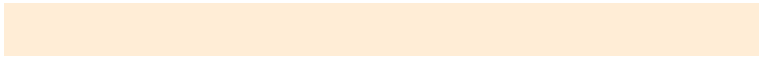
70.3981, 61.0814, 126.9311

Sweetspot

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



63.6278, 61.0844, 24.6573



83.7524, 86.8238, 76.0968



55.4068, 36.7363, 46.2906



17.6441, 18.2453, 15.4962



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.



63.6278, 61.0844, 24.6573



59.6099, 55.2668, 16.4785



77.5657, 92.7139, 30.0278



18.8600, 19.6882, 18.9505



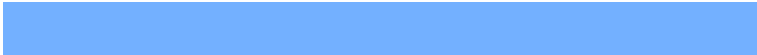
26.9038, 21.8187, 2.7935



2.7283, 2.3419, 0.3082

Inverse Universe

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



40.6448, 41.9137, 100.5552



34.5274, 34.3816, 99.4243



32.2073, 23.6197, 97.4688



17.6540, 18.6797, 22.9250



12.5495, 10.0085, 50.7050



1.3282, 1.1872, 4.9724

Previews

White Background



This preview shows how the XYZ color 63.6263, 61.0814, 24.6561 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 63.6263, 61.0814, 24.6561 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 63.6263, 61.0814, 24.6561

Background



This preview shows how black text looks on a background with the XYZ color 63.6263, 61.0814, 24.6561.



This preview shows how white text looks on a background with the XYZ color 63.6263, 61.0814,

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

63.6263, 61.0814, 24.6561

Protanopia

56.2124, 61.0021, 26.2646

Deuteranopia

62.6181, 61.2269, 24.7373



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

63.6263, 61.0814, 24.6561

Protanomaly

58.7487, 60.9142, 25.8008

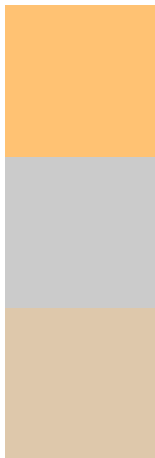
Deuteranomaly

62.7545, 60.9635, 24.6793

Tritanomaly

66.7213, 60.9141, 45.2868

Monochromacy



Original Color

63.6263, 61.0814, 24.6561

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.1292, 59.7784, 47.0027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6263, 61.0814, 24.6561 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, 194, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 115) }
```

Border

The CSS property to change the border of an element to XYZ 63.6263, 61.0814, 24.6561 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, 194, 115) }
```


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

```
.border{ border-color:rgb(255, 194, 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, 194, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6263, 61.0814, 24.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 115) }
```

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

```
.background{ background-color: rgb(255,  
194, 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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