

Converting Colors

XYZ(88.5087, 72.1235, 25.3211)

Have a look what the booklet for
XYZ(88.5087, 72.1235, 25.3211)
contains.

XYZ(62.2605, 58.4413, 23.9184) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(62.2605, 58.4413,
23.9184)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC72
RGB	255, 188, 114
RGB Percent	100%, 74%, 45%
CMY	0.0000, 0.2627, 0.5529
CMYK	0.00, 0.26, 0.55, 0.00
HSL	31°, 100%, 72%
HSV	31°, 55%, 100%
XYZ	62.2605, 58.4413, 23.9184
YIQ	199.5970, 63.6860, -8.8100

Conversions

Conversions Part 2

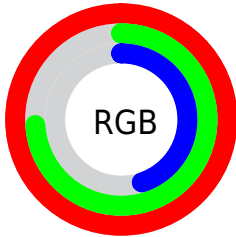
Format	Color
R _Y B	242, 255, 114
Decimal	16759922
CIE Lab	80.98, 16.21, 46.54
CIE LCh	81, 49.278, 70.800
Yxy	58.4413, 0.4305, 0.4041
Android (android.graphics.Color)	4294950002 (0xFFFFBC72)
YUV	199.5970, -42.1993, 48.5884
Hunter-Lab	76.4469, 11.5933, 34.9624

Details

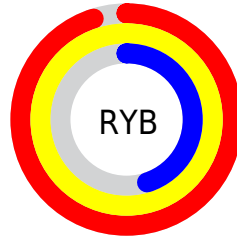
The XYZ color **62.2605, 58.4413, 23.9184** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.5126, 43.8433, 100.8821**, and the grayscale version is **54.8769, 57.7348, 62.8732**.

A 20% lighter version of the original color is **80.5657, 88.7514, 49.4437**, and **32.0669, 29.2889, 8.6658** is the 20% darker color. If you saturate the color by 10%, you get **58.5261, 52.9807, 16.4836**, and if you desaturate by 10%, it is **66.6195, 64.5041, 33.5582**.

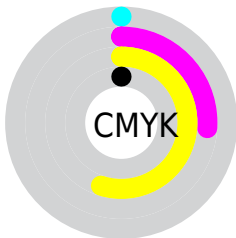
Distribution



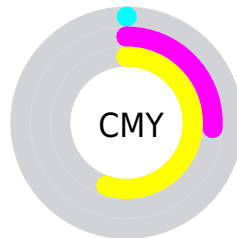
- Red (100%)
- Green (74%)
- Blue (45%)



- Red (95%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2605, 58.4413, 23.9184 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 62.2605, 58.4413, 23.9184 by changing the saturation by 10% instead.


 62.2605, 58.4413,
23.9184

 62.2605, 58.4413,
23.9184


422.5831,
418.8283, 285.6809

 45.4996, 42.1635,
15.0615


 107.1898,
102.5652, 50.8392

 32.0541, 29.2294,
8.7154


 136.0888,
131.1801, 69.7401

 21.5586, 19.2544,
4.4618


 169.7647,
164.6763, 92.8261

 13.6477, 11.8542,
1.8819

208.5827,
203.4379, 120.5157

 7.9561, 6.6445,
0.4812

252.9082,
247.8496, 153.2274

 4.1184, 3.2408,
0.0000

303.1065,

 1.7694, 1.2587,

298.2956, 191.3798

0.0000

359.5430,
355.1604, 235.3915

■ 0.4991, 0.1089,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2605, 58.4413,
23.9184

■ 62.2605, 58.4413,
23.9184

■ 58.5261, 52.9807,
16.4836

■ 66.6195, 64.5041,
33.5582

■ 55.3723, 48.0892,
11.0667

■ 71.6348, 71.1830,
45.5625

■ 52.7547, 43.7425,
7.4546

■ 77.3402, 78.5017,
60.0795

■ 50.6177, 39.9093,
5.3833

■ 83.7659, 86.4801,
77.2445

■ 49.7429, 38.2659,
4.7643

■ 90.9402, 95.1368,
97.1830

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.



71.7833, 58.4413, 33.4968



62.2605, 58.4413, 23.9184



51.9465, 58.4413, 22.8247

Triad

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



62.2605, 58.4413, 23.9184



38.3990, 58.4413, 74.7673



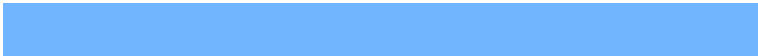
69.3964, 58.4413, 116.4268

Complementary

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



62.2605, 58.4413, 23.9184



41.5126, 43.8433, 100.8821

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.



59.3095, 58.4413, 136.4350



62.2605, 58.4413, 23.9184



41.9640, 58.4413, 107.9260

Square

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



62.2605, 58.4413, 23.9184



38.9842, 58.4413, 46.8665



49.3338, 58.4413, 132.9194



76.2396, 58.4413, 83.9850

Rectangle

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



62.2605, 58.4413, 23.9184



46.0832, 58.4413, 26.5096



49.3338, 58.4413, 132.9194



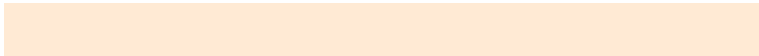
66.2245, 58.4413, 125.2206

Sweetspot

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



62.2619, 58.4442, 23.9195



82.6172, 85.0711, 74.1221



55.7165, 36.6787, 48.4809



17.3999, 17.8591, 15.1004



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.



62.2619, 58.4442, 23.9195



58.2848, 52.6166, 16.0368



79.1779, 93.5517, 29.8044



18.7984, 19.5650, 18.9300



26.1425, 20.2963, 2.5397



2.6548, 2.1951, 0.2838

Inverse Universe

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



41.5126, 43.8433, 100.8821



35.7100, 36.7468, 99.8185



31.3169, 22.9923, 97.3948



17.7149, 18.8014, 22.9453



13.1615, 11.2325, 50.9090



1.3900, 1.3106, 4.9930

Previews

White Background



This preview shows how the XYZ color 62.2605, 58.4413, 23.9184 looks on a white background.

Color Contrast Check

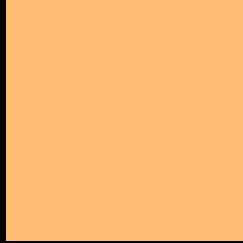
Large Text (above 18pt) WCAG AA × Fail

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 62.2605, 58.4413, 23.9184 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 62.2605, 58.4413, 23.9184

Background



This preview shows how black text looks on a background with the XYZ color 62.2605, 58.4413, 23.9184.



This preview shows how white text looks on a background with the XYZ color 62.2605, 58.4413,

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

62.2605, 58.4413, 23.9184

Protanopia

54.0352, 58.4773, 25.8921

Deuteranopia

59.8363, 58.4844, 23.7577



Tritanopia

67.5936, 58.5662, 58.1939

Trichromacy



Original Color

62.2605, 58.4413, 23.9184

Protanomaly

56.5551, 58.0878, 25.0609

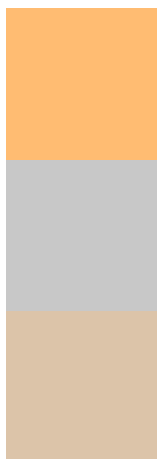
Deuteranomaly

60.6784, 58.5936, 23.7344

Tritanomaly

65.0813, 58.2213, 42.9296

Monochromacy



Original Color

62.2605, 58.4413, 23.9184

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.4166, 57.5601, 45.6728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2605, 58.4413, 23.9184 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, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 114) }
```

Border

The CSS property to change the border of an element to XYZ 62.2605, 58.4413, 23.9184 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, 188, 114) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2605, 58.4413, 23.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 114) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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