

Converting Colors

XYZ(60.9899, 60.3138, 23.0350)

Have a look what the booklet for
XYZ(60.9899, 60.3138, 23.0350)
contains.

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Color

**XYZ(61.2116, 60.5404,
22.9273)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C46D
RGB	248, 196, 109
RGB Percent	97%, 77%, 43%
CMY	0.0275, 0.2313, 0.5725
CMYK	0.00, 0.21, 0.56, 0.03
HSL	38°, 91%, 70%
HSV	38°, 56%, 97%
XYZ	61.2116, 60.5404, 22.9273
YIQ	201.6300, 58.9190, -16.0330

Conversions

Conversions Part 2

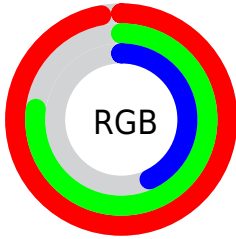
Format	Color
R _Y B	192, 248, 109
Decimal	16303213
CIE Lab	82.13, 8.81, 50.21
CIE LCh	82, 50.973, 80.050
Yxy	60.5404, 0.4231, 0.4184
Android (android.graphics.Color)	4294493293 (0xFFF8C46D)
YUV	201.6300, -45.6666, 40.6665
Hunter-Lab	77.8077, 4.2631, 36.9946

Details

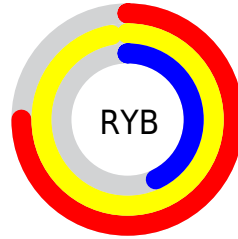
The XYZ color **61.2116, 60.5404, 22.9273** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.9943, 35.5168, 93.7648**, and the grayscale version is **56.1595, 59.0842, 64.3427**.

A 20% lighter version of the original color is **82.5720, 93.4894, 47.8757**, and **31.4230, 30.4703, 8.2282** is the 20% darker color. If you saturate the color by 10%, you get **58.0324, 56.0258, 16.1846**, and if you desaturate by 10%, it is **64.8996, 65.4703, 31.6986**.

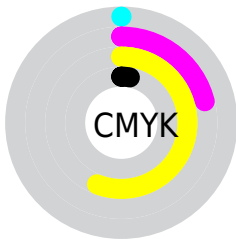
Distribution



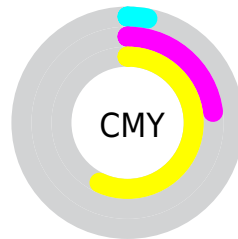
- Red (97%)
- Green (77%)
- Blue (43%)



- Red (75%)
- Yellow (97%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (23%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2116, 60.5404, 22.9273 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 61.2116, 60.5404, 22.9273 by changing the saturation by 10% instead.

61.2116, 60.5404,
22.9273

61.2116, 60.5404,
22.9273

418.8130,
426.5868, 280.4612

44.6491, 43.8544,
14.3350

105.6816,
105.6132, 49.1956

31.3813, 30.5560,
8.2127

134.3199,
134.7687, 67.7087

21.0426, 20.2610,
4.1416

167.7142,
168.8496, 90.3659

13.2678, 12.5849,
1.7033

206.2298,
208.2401, 117.5856

7.6915, 7.1433,
0.3630

250.2322,
253.3246, 149.7865

3.9483, 3.5519,
0.0000

300.0866,

1.6729, 1.4262,

304.4877, 187.3870

0.0000

356.1584,
362.1136, 230.8057

■ 0.4392, 0.2359,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2116, 60.5404,
22.9273

■ 61.2116, 60.5404,
22.9273

■ 58.0324, 56.0258,
16.1846

■ 64.8996, 65.4703,
31.6986

■ 55.3229, 51.9000,
11.2945


■ 69.1232, 70.8227,
42.6473

■ 53.0440, 48.1459,
8.0567


■ 73.9121, 76.6154,
55.9124


■ 51.1458, 44.7397,
6.2215

■ 79.2922, 82.8622,
71.6200

 50.4714, 43.4767,
5.7317

 85.2877, 89.5761,
89.8873

 91.4669, 96.5877,
108.4302

 92.5212, 98.6963,
108.7817

Harmonies

Analogous

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



71.9600, 60.5404, 29.9818



61.2116, 60.5404, 22.9273



50.7003, 60.5404, 24.2964

Triad

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



61.2116, 60.5404, 22.9273



40.1286, 60.5404, 88.5265



75.0081, 60.5404, 112.0519

Complementary

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



61.2116, 60.5404, 22.9273



35.9943, 35.5168, 93.7648

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.



64.9727, 60.5404, 139.2187



61.2116, 60.5404, 22.9273



45.1910, 60.5404, 122.9516

Square

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



61.2116, 60.5404, 22.9273



39.3877, 60.5404, 56.1507



54.0218, 60.5404, 143.7356



80.5601, 60.5404, 76.7575

Rectangle

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



61.2116, 60.5404, 22.9273



45.1672, 60.5404, 30.0215



54.0218, 60.5404, 143.7356



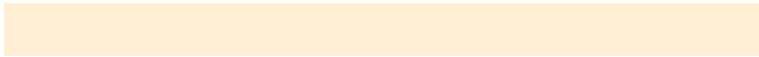
71.9924, 60.5404, 122.8498

Sweetspot

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



61.2130, 60.5433, 22.9285



83.8830, 87.6028, 74.5440



50.7270, 33.5130, 38.1103



17.6992, 18.4576, 15.2002



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.



61.2130, 60.5433, 22.9285



61.4970, 59.2043, 16.6047



69.5360, 85.3581, 27.2796



18.1499, 19.0357, 18.1800



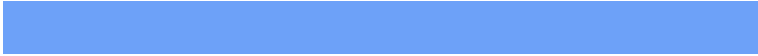
27.4039, 23.7645, 3.1427



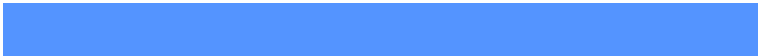
2.6398, 2.4044, 0.3250

Inverse Universe

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



35.9943, 35.5168, 93.7648



32.3186, 30.3097, 98.7547



30.9015, 22.0916, 91.4419



16.8149, 17.7067, 21.9168



11.3797, 8.1149, 48.9401



1.1520, 0.9476, 4.5654

Previews

White Background



This preview shows how the XYZ color 61.2116, 60.5404, 22.9273 looks on a white background.

Color Contrast Check

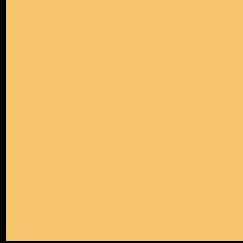
Large Text (above 18pt) WCAG AA × Fail

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 61.2116, 60.5404, 22.9273 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 61.2116, 60.5404, 22.9273

Background



This preview shows how black text looks on a background with the XYZ color 61.2116, 60.5404, 22.9273.



This preview shows how white text looks on a background with the XYZ color 61.2116, 60.5404,

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

61.2116, 60.5404, 22.9273

Protanopia

55.8073, 60.8400, 24.1312

Deuteranopia

62.0591, 60.6436, 22.9025



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

61.2116, 60.5404, 22.9273

Protanomaly

57.5940, 60.7124, 23.7221

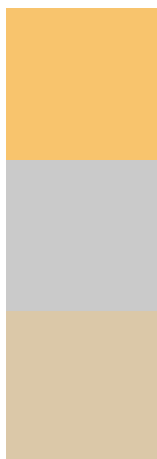
Deuteranomaly

61.6998, 60.4583, 22.8857

Tritanomaly

65.5334, 60.3124, 44.7467

Monochromacy



Original Color

61.2116, 60.5404, 22.9273

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9356, 59.1958, 45.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2116, 60.5404, 22.9273 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(248, 196, 109)` looks like.

```
.text, #text, p{  
    color:rgb(248, 196, 109)  
}
```

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(248, 196, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 196, 109) }
```

Border

The CSS property to change the border of an element to XYZ 61.2116, 60.5404, 22.9273 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(248, 196, 109) }
```


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

```
.border{ border-color:rgb(248, 196, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 196, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 196, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 196, 109);  
box-shadow:4px 4px 4px 4px rgb(248, 196,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2116, 60.5404, 22.9273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 196, 109) }
```

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

```
.background{ background-color: rgb(248,  
196, 109) }
```

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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