

Converting Colors

XYZ(62.4718, 61.4630, 15.9779)

Have a look what the booklet for
XYZ(62.4718, 61.4630, 15.9779)
contains.

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Color

**XYZ(62.3912, 61.3044,
15.9417)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC44F
RGB	255, 196, 79
RGB Percent	100%, 77%, 31%
CMY	0.0000, 0.2313, 0.6902
CMYK	0.00, 0.23, 0.69, 0.00
HSL	40°, 100%, 65%
HSV	40°, 69%, 100%
XYZ	62.3912, 61.3044, 15.9417
YIQ	200.3030, 72.7210, -23.8790

Conversions

Conversions Part 2

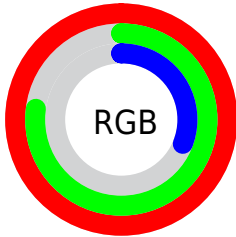
Format	Color
R_{YB}	168, 255, 79
Decimal	16761935
CIE Lab	82.54, 9.79, 64.49
CIE LCh	83, 65.228, 81.367
Yxy	61.3044, 0.4468, 0.4390
Android (android.graphics.Color)	4294952015 (0xFFFFC44F)
YUV	200.3030, -59.8024, 47.9693
Hunter-Lab	78.2971, 5.2181, 42.7362

Details

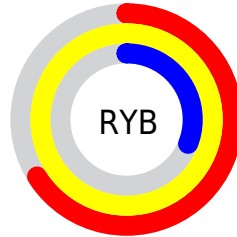
The XYZ color **62.3912, 61.3044, 15.9417** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **30.3625, 27.0581, 98.2295**, and the grayscale version is **55.4140, 58.2999, 63.4885**.

A 20% lighter version of the original color is **80.2840, 92.5743, 35.8275**, and **32.1798, 31.1579, 4.8903** is the 20% darker color. If you saturate the color by 10%, you get **59.7619, 57.2575, 11.3312**, and if you desaturate by 10%, it is **65.4889, 65.7193, 22.4647**.

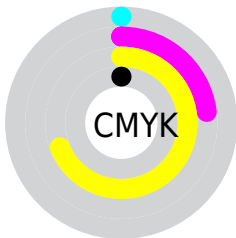
Distribution



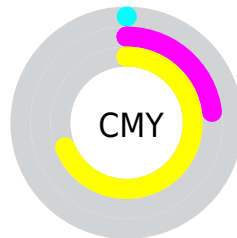
- Red (100%)
- Green (77%)
- Blue (31%)



- Red (66%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (23%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3912, 61.3044, 15.9417 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 62.3912, 61.3044, 15.9417 by changing the saturation by 10% instead.

62.3912, 61.3044,
15.9417

62.3912, 61.3044,
15.9417

423.0515,
429.3892, 240.8314

45.6057, 44.4709,
9.3290

107.3775,
106.7196, 37.2623

32.1381, 31.0409,
4.8567

136.3089,
136.0700, 52.8074

21.6230, 20.6300,
2.1061

170.0197,
170.3615, 72.1669

13.6952, 12.8538,
0.6194

208.8753,
209.9785, 95.7595

7.9893, 7.3279,
0.0000

253.2408,
255.3054, 124.0037

4.1398, 3.6680,
0.0000

303.4818,

1.7815, 1.4897,

306.7265, 157.3181

0.0000

359.9636,
364.6263, 196.1211

■ 0.5065, 0.2814,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3912, 61.3044,
15.9417

■ 62.3912, 61.3044,
15.9417

■ 59.7619, 57.2575,
11.3312

■ 65.4889, 65.7193,
22.4647

■ 57.5519, 53.5487,
8.4015

■ 69.0890, 70.5113,
31.0890

■ 55.6966, 50.1518,
6.8166

■ 73.2266, 75.6997,
41.9845

■ 55.5257, 49.8318,
6.6920

■ 77.9320, 81.2992,
55.3027

■ 83.2331, 87.3236,
71.1818

■ 89.1555, 93.7859,
89.7497

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



76.6860, 61.3044, 22.9051



62.3912, 61.3044, 15.9417



49.0247, 61.3044, 17.7015

Triad

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



62.3912, 61.3044, 15.9417



36.6736, 61.3044, 98.8605



81.8536, 61.3044, 127.1729

Complementary

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



62.3912, 61.3044, 15.9417



30.3625, 27.0581, 98.2295

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.



68.6057, 61.3044, 166.9939



62.3912, 61.3044, 15.9417



43.0638, 61.3044, 146.6161

Square

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



62.3912, 61.3044, 15.9417



35.5536, 61.3044, 55.8619



54.3306, 61.3044, 175.2592



89.0414, 61.3044, 78.9684

Rectangle

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



62.3912, 61.3044, 15.9417



42.2669, 61.3044, 24.0800



54.3306, 61.3044, 175.2592



77.8700, 61.3044, 142.6690

Sweetspot

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



62.3926, 61.3074, 15.9429



82.1345, 86.0959, 67.8255



48.8141, 28.7636, 28.0235



17.2610, 18.0678, 13.5537



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.



62.3926, 61.3074, 15.9429



58.8348, 55.7416, 9.9776



69.3567, 88.6763, 20.8586



19.0183, 20.0047, 19.0033



29.1569, 26.3249, 3.5445



2.9397, 2.7647, 0.3787

Inverse Universe

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



30.3625, 27.0581, 98.2295



25.1114, 19.8421, 97.1141



26.7193, 15.8401, 96.2562



17.5005, 18.3726, 22.8738



11.2709, 7.4513, 50.2788



1.1933, 0.9173, 4.9274

Previews

White Background



This preview shows how the XYZ color 62.3912, 61.3044, 15.9417 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 62.3912, 61.3044, 15.9417 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 62.3912, 61.3044, 15.9417

Background



This preview shows how black text looks on a background with the XYZ color 62.3912, 61.3044, 15.9417.



This preview shows how white text looks on a background with the XYZ color 62.3912, 61.3044,

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

62.3912, 61.3044, 15.9417

Protanopia

55.9074, 61.4098, 16.8893

Deuteranopia

62.6596, 61.4117, 17.3552



Tritanopia

69.5320, 61.3500, 62.2098

Trichromacy



Original Color

62.3912, 61.3044, 15.9417

Protanomaly

57.8656, 61.0123, 16.5113

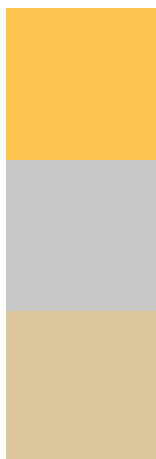
Deuteranomaly

62.5413, 61.3644, 16.7318

Tritanomaly

65.7872, 60.8882, 39.2956

Monochromacy



Original Color

62.3912, 61.3044, 15.9417

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9394, 58.4628, 39.7886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3912, 61.3044, 15.9417 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, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 79)  
}
```

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, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 79) }
```

Border

The CSS property to change the border of an element to XYZ 62.3912, 61.3044, 15.9417 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, 79) }
```


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

```
.border{ border-color:rgb(255, 196, 79) }
```

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, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3912, 61.3044, 15.9417 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, 79) }
```

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

```
.background{ background-color: rgb(255,  
196, 79) }
```

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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