

Converting Colors

XYZ(62.9273, 65.7733, 16.2164)

Have a look what the booklet for
XYZ(62.9273, 65.7733, 16.2164)
contains.

XYZ(62.9273, 65.7733, 16.2164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.9273, 65.7733,
16.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D04C
RGB	249, 208, 76
RGB Percent	98%, 82%, 30%
CMY	0.0235, 0.1843, 0.7019
CMYK	0.00, 0.16, 0.69, 0.02
HSL	46°, 94%, 64%
HSV	46°, 69%, 98%
XYZ	62.9273, 65.7733, 16.2164
YIQ	205.2110, 66.8080, -32.3600

Conversions

Conversions Part 2

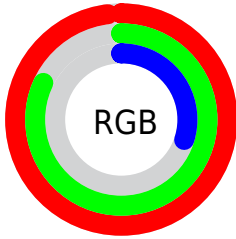
Format	Color
RYB	130, 249, 76
Decimal	16371788
CIELab	84.88, 0.95, 67.92
CIELCh	85, 67.925, 89.196
Yxy	65.7733, 0.4342, 0.4539
Android (android.graphics.Color)	4294561868 (0xFFFF9D04C)
YUV	205.2110, -63.7010, 38.4030
Hunter-Lab	81.1007, -3.4254, 44.9153

Details

The XYZ color **62.9273, 65.7733, 16.2164** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **26.4405, 21.0981, 92.3007**, and the grayscale version is **58.5275, 61.5755, 67.0557**.

A 20% lighter version of the original color is **81.0967, 94.4187, 35.4231**, and **32.5693, 33.9410, 4.9783** is the 20% darker color. If you saturate the color by 10%, you get **60.8120, 62.6706, 12.0355**, and if you desaturate by 10%, it is **65.4339, 69.1233, 22.1808**.

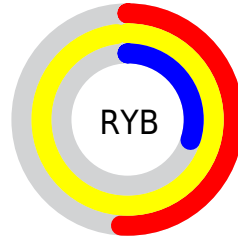
Distribution



Red (98%)

Green (82%)

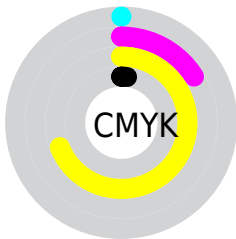
Blue (30%)



Red (51%)

Yellow (98%)

Blue (30%)

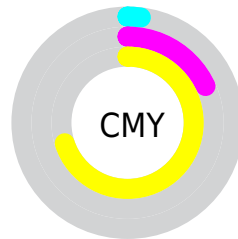


Cyan (0%)

Magenta (16%)

Yellow (69%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9273, 65.7733, 16.2164 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 62.9273, 65.7733, 16.2164 by changing the saturation by 10% instead.


 62.9273, 65.7733,
16.2164


 62.9273, 65.7733,
16.2164


424.9695,
445.5657, 242.5044

 46.0408, 48.0884,
9.5214


 108.1470,
113.1609, 37.7455


 32.4828, 33.8969,
4.9814


 137.2110,
143.6324, 53.4167


 21.8879, 22.8144,
2.1778


 171.0648,
179.1348, 72.9170

 13.8907, 14.4565,
0.6615

 210.0739,
220.0527, 96.6649

 8.1259, 8.4389,
0.0000

 254.6035,
266.7703, 125.0791

 4.2281, 4.3770,
0.0000

305.0191,

 1.8320, 1.8866,

319.6721, 158.5781

0.0000

361.6859,
379.1424, 197.5803

■ 0.5368, 0.5403,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9273, 65.7733,
16.2164

■ 62.9273, 65.7733,
16.2164

■ 60.8120, 62.6706,
12.0355

■ 65.4339, 69.1233,
22.1808

■ 59.0419, 59.7880,
9.4177


■ 68.3625, 72.7261,
30.1070


■ 57.5536, 57.1021,
8.0259


■ 71.7454, 76.5981,
40.1559


■ 57.4794, 56.9651,
7.9659

■ 75.6103, 80.7511,
52.4706

 79.9824, 85.1962,
67.1819

 84.8853, 89.9437,
84.4103

 90.3407, 95.0030,
104.2684

 92.8766, 98.8796,
108.7983

Harmonies

Analogous

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



78.7505, 65.7733, 21.0195



62.9273, 65.7733, 16.2164



49.2857, 65.7733, 20.5041

Triad

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



62.9273, 65.7733, 16.2164



40.2698, 65.7733, 120.8369



91.2068, 65.7733, 123.7484

Complementary

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



62.9273, 65.7733, 16.2164



26.4405, 21.0981, 92.3007

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.



77.9234, 65.7733, 172.6674



62.9273, 65.7733, 16.2164



48.6809, 65.7733, 170.5603

Square

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



62.9273, 65.7733, 16.2164



37.5589, 65.7733, 70.4457



62.1056, 65.7733, 192.5362



96.6233, 65.7733, 72.7990

Rectangle

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



62.9273, 65.7733, 16.2164



42.8580, 65.7733, 29.5893



62.1056, 65.7733, 192.5362



87.4175, 65.7733, 141.6267

Sweetspot

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



62.9288, 65.7765, 16.2177



83.6804, 89.1877, 68.3408



44.9964, 26.6471, 20.3044



17.6312, 18.8083, 13.6771



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.



62.9288, 65.7765, 16.2177



63.4774, 65.0269, 11.5251



60.5645, 81.3589, 19.3500



18.3584, 19.4526, 18.2495



30.8831, 30.7228, 4.3024



2.9413, 3.0074, 0.4255

Inverse Universe

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



26.4405, 21.0981, 92.3007



23.0196, 15.6583, 96.4168



27.3260, 15.9489, 91.2601



16.6169, 17.3106, 21.8508



10.0803, 5.5161, 48.5070



1.0116, 0.6668, 4.5186

Previews

White Background



This preview shows how the XYZ color 62.9273, 65.7733, 16.2164 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 62.9273, 65.7733, 16.2164 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 62.9273, 65.7733, 16.2164

Background



This preview shows how black text looks on a background with the XYZ color 62.9273, 65.7733, 16.2164.



This preview shows how white text looks on a background with the XYZ color 62.9273, 65.7733,

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

62.9273, 65.7733, 16.2164

Protanopia

59.8081, 65.6273, 16.5363

Deuteranopia

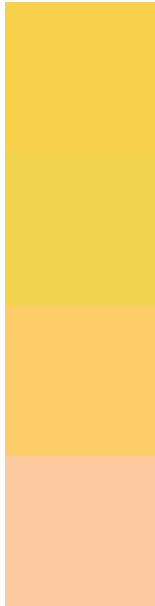
66.2841, 65.8262, 27.3013



Tritanopia

72.8391, 65.8456, 69.8432

Trichromacy



Original Color

62.9273, 65.7733, 16.2164

Protanomaly

60.9094, 65.8251, 16.5164

Deuteranomaly

64.8891, 65.5652, 22.5999

Tritanomaly

67.8277, 65.2291, 42.7338

Monochromacy



Original Color

62.9273, 65.7733, 16.2164

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0617, 61.9834, 41.2516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9273, 65.7733, 16.2164 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(249, 208, 76)` looks like.

```
.text, #text, p{  
    color:rgb(249, 208, 76)  
}
```

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(249, 208, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 208, 76) }
```

Border

The CSS property to change the border of an element to XYZ 62.9273, 65.7733, 16.2164 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(249, 208, 76) }
```


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

```
.border{ border-color:rgb(249, 208, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 208, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 208, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 208, 76);  
box-shadow:4px 4px 4px 4px rgb(249, 208,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9273, 65.7733, 16.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 208, 76) }
```

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

```
.background{ background-color: rgb(249,  
208, 76) }
```

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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