

Converting Colors

XYZ(62.0566, 65.9310, 5.3052)

Have a look what the booklet for
XYZ(62.0566, 65.9310, 5.3052)
contains.

XYZ(62.9453, 66.2964, 9.4789)	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(62.9453, 66.2964,
9.4789)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD100
RGB	252, 209, 0
RGB Percent	99%, 82%, 0%
CMY	0.0118, 0.1804, 0.9999
CMYK	0.00, 0.17, 1.00, 0.01
HSL	50°, 100%, 49%
HSV	50°, 100%, 99%
XYZ	62.9453, 66.2964, 9.4789
YIQ	198.0310, 92.7170, -55.8830

Conversions

Conversions Part 2

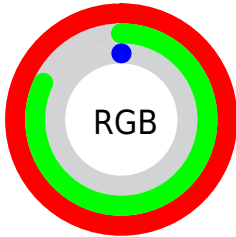
Format	Color
R _{YB}	52, 252, 0
Decimal	16568576
CIE Lab	85.15, -0.16, 85.75
CIE LCh	85, 85.752, 90.104
Yxy	66.2964, 0.4538, 0.4779
Android (android.graphics.Color)	4294758656 (0xFFFC D100)
YUV	198.0310, -97.6293, 47.3308
Hunter-Lab	81.4226, -4.4967, 50.0935

Details

The XYZ color **62.9453, 66.2964, 9.4789** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **18.4354, 8.7574, 92.8132**, and the grayscale version is **54.2344, 57.0588, 62.1371**.

A 20% lighter version of the original color is **78.7203, 93.4681, 22.9090**, and **32.9565, 34.3898, 4.9009** is the 20% darker color. If you saturate the color by 10%, you get **62.9456, 66.2974, 9.4791**, and if you desaturate by 10%, it is **64.1938, 68.5093, 10.7728**.

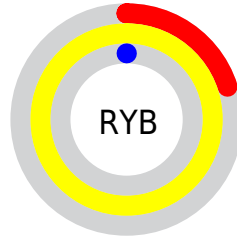
Distribution



Red (99%)

Green (82%)

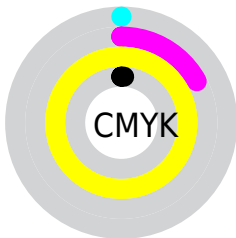
Blue (0%)



Red (20%)

Yellow (99%)

Blue (0%)

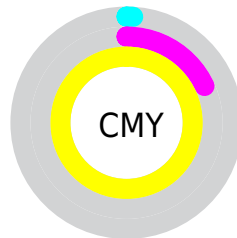


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9453, 66.2964, 9.4789 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 62.9453, 66.2964, 9.4789 by changing the saturation by 10% instead.


 62.9453, 66.2964,
9.4789


 62.9453, 66.2964,
9.4789


425.0338,
447.4362, 197.2591


 46.0554, 48.5131,
4.9538


 108.1728,
113.9116, 25.4029


 32.4944, 34.2334,
2.1619


 137.2412,
144.5123, 37.6390

 21.8968, 23.0729,
0.6523


 171.0999,
180.1542, 53.2824

 13.8972, 14.6474,
0.0000

 210.1141,
221.2218, 72.7517

 8.1305, 8.5723,
0.0000

 254.6492,
268.0994, 96.4655

 4.2310, 4.4633,
0.0000

 305.0706,

 1.8337, 1.9359,

321.1714, 124.8423

0.0000

361.7437,
380.8222, 158.3007

■ 0.5378, 0.5698,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9453, 66.2964,
9.4789

■ 62.9453, 66.2964,
9.4789

■ 62.9456, 66.2974,
9.4791

■ 64.1938, 68.5093,
10.7728

■ 65.6988, 70.8680,
13.2822

■ 67.5323, 73.4044,
17.3785

■ 69.7372, 76.1359,
23.2873

■ 72.3496, 79.0774,
31.1975

■ 75.4012, 82.2418,
41.2743

■ 78.9202, 85.6408,
53.6659

■ 82.9324, 89.2850,
68.5073

■ 87.4618, 93.1843,
85.9230

Harmonies

Analogous

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



83.4213, 66.2964, 13.6311



62.9453, 66.2964, 9.4789



46.1428, 66.2964, 13.6948

Triad

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



62.9453, 66.2964, 9.4789



36.0092, 66.2964, 139.8511



101.0555, 66.2964, 139.3316

Complementary

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



62.9453, 66.2964, 9.4789



18.4354, 8.7574, 92.8132

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.



83.5623, 66.2964, 209.0532



62.9453, 66.2964, 9.4789



46.2378, 66.2964, 209.4460

Square

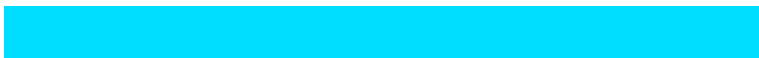
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9453, 66.2964, 9.4789



32.6649, 66.2964, 72.3789



63.0802, 66.2964, 239.6141



107.9870, 66.2964, 71.9925

Rectangle

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



62.9453, 66.2964, 9.4789



38.5747, 66.2964, 23.1624



63.0802, 66.2964, 239.6141



96.0600, 66.2964, 164.2903

Sweetspot

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



62.9468, 66.2996, 9.4802



81.0627, 87.9675, 55.0901



40.6423, 20.8948, 4.4987



17.0115, 18.5070, 10.5787



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.



62.9468, 66.2996, 9.4802



64.6566, 68.0932, 9.7355



51.8690, 78.4143, 12.4024



18.4606, 19.6571, 18.2836



32.8851, 34.7269, 4.9697



3.1101, 3.3450, 0.4817

Inverse Universe

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



18.4354, 8.7574, 92.8132



18.9325, 8.9850, 95.3442



20.8636, 8.7263, 92.6792



16.5223, 17.1215, 21.8193



9.6746, 4.7047, 48.3717



0.9611, 0.5658, 4.5017

Previews

White Background



This preview shows how the XYZ color 62.9453, 66.2964, 9.4789 looks on a white background.

Color Contrast Check

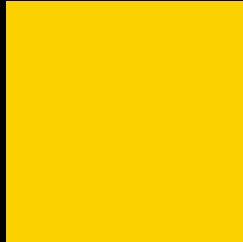
Large Text (above 18pt) WCAG AA × Fail

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 62.9453, 66.2964, 9.4789 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 62.9453, 66.2964, 9.4789

Background



This preview shows how black text looks on a background with the XYZ color 62.9453, 66.2964, 9.4789.



This preview shows how white text looks on a background with the XYZ color 62.9453, 66.2964,

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

62.9453, 66.2964, 9.4789

Protanopia

59.7787, 66.1335, 9.8728

Deuteranopia

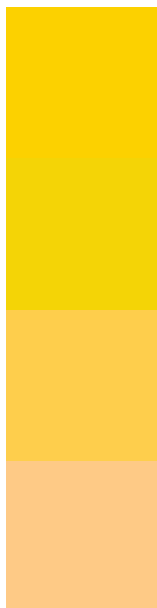
66.4615, 66.2787, 27.0595



Tritanopia

73.0669, 66.3013, 69.9192

Trichromacy



Original Color

62.9453, 66.2964, 9.4789

Protanomaly

60.8846, 66.3332, 9.7669

Deuteranomaly

64.2489, 65.7352, 16.1394

Tritanomaly

66.2967, 65.0331, 31.6127

Monochromacy



Original Color

62.9453, 66.2964, 9.4789

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7999, 58.6528, 28.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9453, 66.2964, 9.4789 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(252, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 0)  
}
```

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(252, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 0) }
```

Border

The CSS property to change the border of an element to XYZ 62.9453, 66.2964, 9.4789 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(252, 209, 0) }
```


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

```
.border{ border-color:rgb(252, 209, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 209, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 209,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9453, 66.2964, 9.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 209, 0) }
```

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

```
.background{ background-color: rgb(252,  
209, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor