

Converting Colors

XYZ(62.8451, 65.8536, 9.3987)

Have a look what the booklet for
XYZ(62.8451, 65.8536, 9.3987)
contains.

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Color

**XYZ(62.7008, 65.8072,
9.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD000
RGB	252, 208, 0
RGB Percent	99%, 82%, 0%
CMY	0.0118, 0.1843, 0.9999
CMYK	0.00, 0.17, 1.00, 0.01
HSL	50°, 100%, 49%
HSV	50°, 100%, 99%
XYZ	62.7008, 65.8072, 9.3974
YIQ	197.4440, 92.9920, -55.3600

Conversions

Conversions Part 2

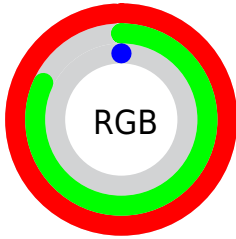
Format	Color
R_{YB}	53, 252, 0
Decimal	16568320
CIE _{Lab}	84.90, 0.35, 85.58
CIE _{LCh}	85, 85.578, 89.763
Yxy	65.8072, 0.4547, 0.4772
Android (android.graphics.Color)	4294758400 (0xFFFC000)
YUV	197.4440, -97.3399, 47.8456
Hunter-Lab	81.1216, -3.9961, 49.9168

Details

The XYZ color **62.7008, 65.8072, 9.3974** 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 **18.4723, 8.8312, 92.8258**, and the grayscale version is **53.8746, 56.6802, 61.7248**.

A 20% lighter version of the original color is **78.7203, 93.4681, 22.9090**, and **32.7908, 34.0584, 4.8457** is the 20% darker color. If you saturate the color by 10%, you get **62.7010, 65.8081, 9.3975**, and if you desaturate by 10%, it is **63.9678, 68.0569, 10.6974**.

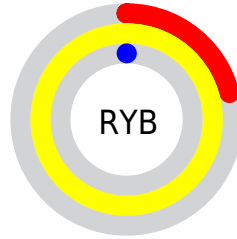
Distribution



Red (99%)

Green (82%)

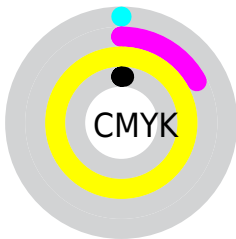
Blue (0%)



Red (21%)

Yellow (99%)

Blue (0%)

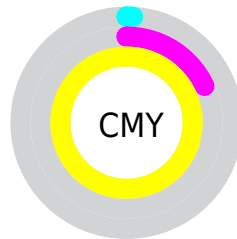


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7008, 65.8072, 9.3974 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 62.7008, 65.8072, 9.3974 by changing the saturation by 10% instead.


 62.7008, 65.8072,
9.3974

 62.7008, 65.8072,
9.3974


424.1597,
445.6870, 196.6414


 45.8569, 48.1159,
4.9010


 107.8220,
113.2096, 25.2456

 32.3371, 33.9187,
2.1315


 136.8300,
143.6894, 37.4344

 21.7759, 22.8311,
0.6344


 170.6235,
179.2010, 53.0244

 13.8080, 14.4689,
0.0000

 209.5677,
220.1285, 72.4341

 8.0681, 8.4475,
0.0000

 254.0281,
266.8565, 96.0822

 4.1907, 4.3826,
0.0000

 304.3700,

 1.8106, 1.8898,

319.7693, 124.3870

0.0000

360.9588,
379.2514, 157.7672

■ 0.5240, 0.5422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7008, 65.8072,
9.3974

■ 62.7008, 65.8072,
9.3974

■ 62.7010, 65.8081,
9.3975

■ 63.9678, 68.0569,
10.6974

■ 65.4925, 70.4551,
13.2135

■ 67.3470, 73.0336,
17.3170

■ 69.5743, 75.8100,
23.2333

■ 72.2105, 78.7989,
31.1515

■ 75.2872, 82.0136,
41.2368

■ 78.8327, 85.4655,
53.6374

■ 82.8729, 89.1655,
68.4882

■ 87.4316, 93.1234,
85.9138

Harmonies

Analogous

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



83.0450, 65.8072, 13.6216



62.7008, 65.8072, 9.3974



45.9509, 65.8072, 13.4773

Triad

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



62.7008, 65.8072, 9.3974



35.6586, 65.8072, 138.0080



100.1777, 65.8072, 139.1855

Complementary

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



62.7008, 65.8072, 9.3974



18.4723, 8.8312, 92.8258

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.



82.7254, 65.8072, 208.2299



62.7008, 65.8072, 9.3974



45.7356, 65.8072, 207.3394

Square

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



62.7008, 65.8072, 9.3974



32.4137, 65.8072, 71.2158



62.3950, 65.8072, 237.9456



107.2125, 65.8072, 72.0917

Rectangle

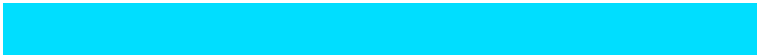
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7008, 65.8072, 9.3974



38.3834, 65.8072, 22.7527



62.3950, 65.8072, 237.9456



95.1799, 65.8072, 163.9640

Sweetspot

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



62.7023, 65.8104, 9.3987



80.9724, 87.7868, 55.0600



40.6424, 20.8949, 4.4988



16.9897, 18.4633, 10.5714



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.



62.7023, 65.8104, 9.3987



64.4050, 67.5900, 9.6517



51.8693, 78.4146, 12.4025



18.4545, 19.6448, 18.2816



32.7592, 34.4751, 4.9278



3.0995, 3.3239, 0.4782

Inverse Universe

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



18.4723, 8.8312, 92.8258



18.9702, 9.0604, 95.3567



20.8638, 8.7264, 92.6795



16.5280, 17.1328, 21.8211



9.6951, 4.7458, 48.3786



0.9638, 0.5713, 4.5026

Previews

White Background



This preview shows how the XYZ color 62.7008, 65.8072, 9.3974 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 62.7008, 65.8072, 9.3974 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 62.7008, 65.8072, 9.3974

Background



This preview shows how black text looks on a background with the XYZ color 62.7008, 65.8072, 9.3974.



This preview shows how white text looks on a background with the XYZ color 62.7008, 65.8072,

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

62.7008, 65.8072, 9.3974

Protanopia

59.4456, 65.9611, 9.8858

Deuteranopia

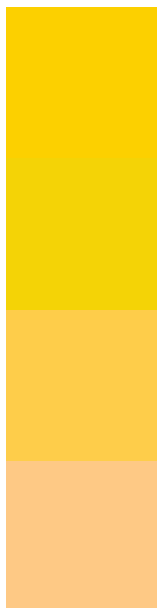
65.9853, 65.7067, 25.7279



Tritanopia

72.7149, 65.7960, 69.1890

Trichromacy



Original Color

62.7008, 65.8072, 9.3974

Protanomaly

60.6354, 65.8348, 9.6839

Deuteranomaly

63.9404, 65.2279, 15.6988

Tritanomaly

65.9933, 64.5376, 31.1691

Monochromacy



Original Color

62.7008, 65.8072, 9.3974

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.2036, 58.0057, 27.7941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7008, 65.8072, 9.3974 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, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 208, 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, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 208, 0) }
```

Border

The CSS property to change the border of an element to XYZ 62.7008, 65.8072, 9.3974 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, 208, 0) }
```


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

```
.border{ border-color:rgb(252, 208, 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, 208, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 208,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7008, 65.8072, 9.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 208, 0) }
```

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

```
.background{ background-color: rgb(252,  
208, 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](#).

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