

Converting Colors

XYZ(54.5660, 55.7869, 7.8920)

Have a look what the booklet for
XYZ(54.5660, 55.7869, 7.8920)
contains.

XYZ(54.5660, 55.7869, 7.8920)	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(54.5660, 55.7869,
7.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BF00
RGB	240, 191, 0
RGB Percent	94%, 75%, 0%
CMY	0.0588, 0.2510, 0.9999
CMYK	0.00, 0.20, 1.00, 0.06
HSL	48°, 100%, 47%
HSV	48°, 100%, 94%
XYZ	54.5660, 55.7869, 7.8920
YIQ	183.8770, 90.5150, -49.0130

Conversions

Conversions Part 2

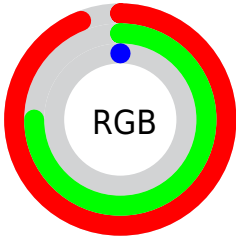
Format	Color
RYB	62, 240, 0
Decimal	15777536
CIELab	79.49, 3.95, 81.25
CIELCh	79, 81.350, 87.215
Yxy	55.7869, 0.4615, 0.4718
Android (android.graphics.Color)	4293967616 (0xFFFF0BF00)
YUV	183.8770, -90.6514, 49.2199
Hunter-Lab	74.6906, -0.3036, 46.0187

Details

The XYZ color **54.5660, 55.7869, 7.8920** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **16.8272, 8.4891, 83.1891**, and the grayscale version is **45.9446, 48.3373, 52.6393**.

A 20% lighter version of the original color is **76.1010, 88.4216, 21.4436**, and **27.6789, 27.7607, 3.8995** is the 20% darker color. If you saturate the color by 10%, you get **54.5662, 55.7877, 7.8922**, and if you desaturate by 10%, it is **55.8188, 58.0287, 9.1240**.

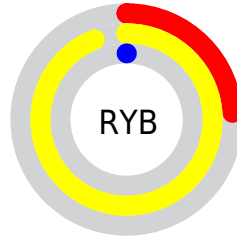
Distribution



Red (94%)

Green (75%)

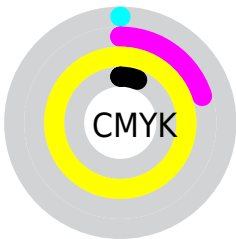
Blue (0%)



Red (24%)

Yellow (94%)

Blue (0%)

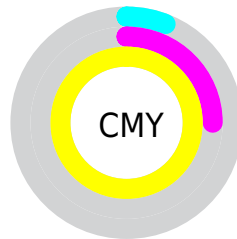


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5660, 55.7869, 7.8920 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 54.5660, 55.7869, 7.8920 by changing the saturation by 10% instead.


 54.5660, 55.7869,
7.8920


 54.5660, 55.7869,
7.8920


394.4279,
408.8879, 184.7853

 39.2868, 40.0321,
3.9391


 96.0568, 98.6929,
22.2891


 27.1647, 27.5636,
1.5920


 122.9992,
126.6130, 33.5704


 17.8342, 17.9969,
0.2851


 154.5600,
159.3568, 48.1317

 10.9299, 10.9478,
0.0000

 191.1045,
197.3090, 66.3914

 6.0867, 6.0317,
0.0000

 232.9983,
240.8537, 88.7680

 2.9390, 2.8644,
0.0000

 280.6065,

 1.1216, 1.0613,

290.3756, 115.6802

0.0000

334.2946,
346.2588, 147.5465

■ 0.0431, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5660, 55.7869,
7.8920

■ 54.5660, 55.7869,
7.8920

■ 54.5662, 55.7877,
7.8922

■ 55.8188, 58.0287,
9.1240

■ 57.3103, 60.4216,
11.4405

■ 59.1058, 62.9943,
15.1784

■ 61.2435, 65.7627,
20.5370

■ 63.7556, 68.7402,
27.6838

■ 66.6701, 71.9385,
36.7655

■ 70.0123, 75.3682,
47.9133

■ 73.8052, 79.0391,
61.2472

■ 78.0702, 82.9601,
76.8777

Harmonies

Analogous

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



71.9344, 55.7869, 12.1361



54.5660, 55.7869, 7.8920



39.9062, 55.7869, 10.7016

Triad

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



54.5660, 55.7869, 7.8920



29.6914, 55.7869, 111.9257



84.0897, 55.7869, 123.7048

Complementary

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



54.5660, 55.7869, 7.8920



16.8272, 8.4891, 83.1891

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.



68.7405, 55.7869, 181.1499



54.5660, 55.7869, 7.8920



37.7569, 55.7869, 172.2365

Square

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



54.5660, 55.7869, 7.8920



27.4130, 55.7869, 56.4720



51.5109, 55.7869, 202.3591



91.0324, 55.7869, 65.2230

Rectangle

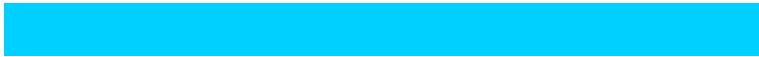
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.5660, 55.7869, 7.8920



33.1355, 55.7869, 17.8135



51.5109, 55.7869, 202.3591



79.6056, 55.7869, 144.7231

Sweetspot

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



54.5672, 55.7896, 7.8931



80.3047, 86.4515, 54.8375



36.5553, 18.7737, 4.9477



16.8285, 18.1410, 10.5177



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.



54.5672, 55.7896, 7.8931



62.5819, 63.9438, 9.0440



48.1744, 71.0910, 11.1835



16.8329, 17.8789, 16.7135



29.9684, 30.7350, 4.3529



2.5615, 2.6936, 0.3849

Inverse Universe

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



16.8272, 8.4891, 83.1891



19.2806, 9.6813, 95.4602



18.1132, 7.5212, 82.9345



15.1586, 15.7514, 19.9630



9.2865, 4.7973, 45.5644



0.8412, 0.5364, 3.8134

Previews

White Background



This preview shows how the XYZ color 54.5660, 55.7869, 7.8920 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 54.5660, 55.7869, 7.8920 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 54.5660, 55.7869, 7.8920

Background



This preview shows how black text looks on a background with the XYZ color 54.5660, 55.7869, 7.8920.



This preview shows how white text looks on a background with the XYZ color 54.5660, 55.7869,

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

54.5660, 55.7869, 7.8920

Protanopia

50.6859, 56.1003, 8.4736

Deuteranopia

56.9308, 55.7178, 8.2442



Tritanopia

64.7487, 55.9264, 56.6725

Trichromacy



Original Color

54.5660, 55.7869, 7.8920

Protanomaly

51.8666, 55.7036, 8.2192

Deuteranomaly

56.0440, 55.5812, 8.0616

Tritanomaly

58.4524, 54.8649, 25.9216

Monochromacy



Original Color

54.5660, 55.7869, 7.8920

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.8830, 49.6624, 23.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5660, 55.7869, 7.8920 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(240, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 191, 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(240, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 191, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.5660, 55.7869, 7.8920 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(240, 191, 0) }
```


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

```
.border{ border-color:rgb(240, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 191,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5660, 55.7869, 7.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 191, 0) }
```

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

```
.background{ background-color: rgb(240,  
191, 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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