

Converting Colors

XYZ(52.4073, 58.7194, 8.5718)

Have a look what the booklet for
XYZ(52.4073, 58.7194, 8.5718)
contains.

XYZ(52.4073, 58.7194, 8.5718)	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(52.4073, 58.7194,
8.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CB00
RGB	225, 203, 0
RGB Percent	88%, 80%, 0%
CMY	0.1176, 0.2039, 0.9999
CMYK	0.00, 0.10, 1.00, 0.12
HSL	54°, 100%, 44%
HSV	54°, 100%, 88%
XYZ	52.4073, 58.7194, 8.5718
YIQ	186.4360, 78.2750, -58.4690

Conversions

Conversions Part 2

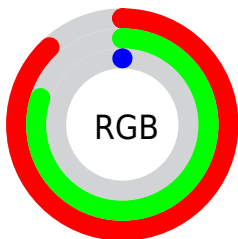
Format	Color
RYB	24, 225, 0
Decimal	14797568
CIELab	81.14, -8.69, 81.76
CIELCh	81, 82.221, 96.067
Yxy	58.7194, 0.4378, 0.4906
Android (android.graphics.Color)	4292987648 (0xFFE1CB00)
YUV	186.4360, -91.9129, 33.8206
Hunter-Lab	76.6286, -12.0215, 47.0077

Details

The XYZ color **52.4073, 58.7194, 8.5718** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **13.8781, 6.0108, 71.6625**, and the grayscale version is **47.3893, 49.8572, 54.2945**.

A 20% lighter version of the original color is **78.6397, 93.4359, 22.4845**, and **26.2645, 29.4942, 4.3087** is the 20% darker color. If you saturate the color by 10%, you get **52.4079, 58.7211, 8.5721**, and if you desaturate by 10%, it is **53.0816, 59.8285, 9.5362**.

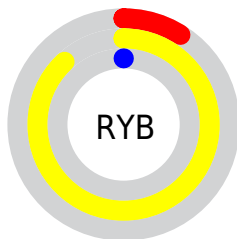
Distribution



Red (88%)

Green (80%)

Blue (0%)



Red (9%)

Yellow (88%)

Blue (0%)

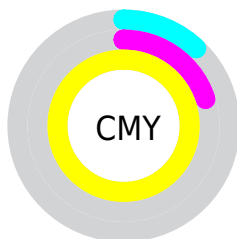


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4073, 58.7194, 8.5718 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 52.4073, 58.7194, 8.5718 by changing the saturation by 10% instead.


 52.4073, 58.7194,
8.5718


 52.4073, 58.7194,
8.5718


386.3052,
419.8613, 190.2495


 37.5554, 42.3873,
4.3700


 92.9023, 102.9697,
23.6364


 25.8135, 29.4047,
1.8304


 119.2762,
131.6567, 35.3363


 16.8161, 19.3872,
0.4479


 150.2214,
165.2308, 50.3726

 10.1979, 11.9504,
0.0000

 186.1033,
204.0764, 69.1639

 5.5937, 6.7099,
0.0000

 227.2873,
248.5778, 92.1287

 2.6379, 3.2813,
0.0000

 274.1387,

 0.9653, 1.2803,

299.1195, 119.6855

0.0000

327.0229,
356.0859, 152.2530

■ 0.0000, 0.1259,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4073, 58.7194,
8.5718

■ 52.4073, 58.7194,
8.5718

■ 52.4079, 58.7211,
8.5721

■ 53.0816, 59.8285,
9.5362

■ 53.9364, 61.0193,
11.4202

■ 55.0292, 62.3172,
14.5210

■ 56.3922, 63.7352,
19.0080

■ 58.0525, 65.2841,
25.0239

■ 60.0340, 66.9734,
32.6933

■ 62.3578, 68.8118,
42.1284

■ 65.0434, 70.8069,
53.4314

■ 68.1087, 72.9662,
66.6966

Harmonies

Analogous

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



70.2398, 58.7194, 10.7111



52.4073, 58.7194, 8.5718



38.6052, 58.7194, 14.0296

Triad

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



52.4073, 58.7194, 8.5718



33.2291, 58.7194, 136.9414



91.5809, 58.7194, 110.2471

Complementary

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



52.4073, 58.7194, 8.5718



13.8781, 6.0108, 71.6625

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.



77.4928, 58.7194, 174.2527



52.4073, 58.7194, 8.5718



43.5073, 58.7194, 194.4033

Square

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



52.4073, 58.7194, 8.5718



29.0845, 58.7194, 74.4141



59.3590, 58.7194, 210.7247



95.3068, 58.7194, 54.4898

Rectangle

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



52.4073, 58.7194, 8.5718



32.7343, 58.7194, 24.4603



59.3590, 58.7194, 210.7247



87.7774, 58.7194, 132.2212

Sweetspot

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



52.4086, 58.7222, 8.5730



82.7466, 91.3354, 55.6515



31.2013, 16.0679, 2.2426



17.4194, 19.3227, 10.7146



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.



52.4086, 58.7222, 8.5730



69.5567, 77.8934, 11.3689



36.9183, 59.0018, 9.4434



14.7513, 15.7885, 14.5768



30.2483, 33.9344, 4.9557



2.1303, 2.4195, 0.3547

Inverse Universe

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



13.8781, 6.0108, 71.6625



18.3961, 7.9122, 95.1654



17.8086, 7.6111, 71.7642



13.0593, 13.4577, 17.2970



8.0351, 3.5398, 41.3081



0.5942, 0.3200, 2.8757

Previews

White Background



This preview shows how the XYZ color 52.4073, 58.7194, 8.5718 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 52.4073, 58.7194, 8.5718 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 52.4073, 58.7194, 8.5718

Background



This preview shows how black text looks on a background with the XYZ color 52.4073, 58.7194, 8.5718.



This preview shows how white text looks on a background with the XYZ color 52.4073, 58.7194,

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

52.4073, 58.7194, 8.5718

Protanopia

52.7991, 58.5720, 8.5227

Deuteranopia

60.0573, 58.5962, 9.1221



Tritanopia

63.9021, 58.7115, 64.4644

Trichromacy



Original Color

52.4073, 58.7194, 8.5718

Protanomaly

52.4846, 58.4098, 8.5080

Deuteranomaly

56.9245, 58.3038, 8.7838

Tritanomaly

56.8585, 57.4922, 28.8692

Monochromacy



Original Color

52.4073, 58.7194, 8.5718

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.9391, 51.2866, 24.6176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4073, 58.7194, 8.5718 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(225, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 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(225, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 0) }
```

Border

The CSS property to change the border of an element to XYZ 52.4073, 58.7194, 8.5718 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(225, 203, 0) }
```


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

```
.border{ border-color:rgb(225, 203, 0) }
```

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

Here you see how a box with a 4 pixel rgb(225, 203, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(225, 203,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4073, 58.7194, 8.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 0) }
```

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

```
.background{ background-color: rgb(225,  
203, 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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