

Converting Colors

XYZ(52.7480, 64.7885, 10.4791)

Have a look what the booklet for
XYZ(52.7480, 64.7885, 10.4791)
contains.

XYZ(52.6277, 64.7180, 10.4771)	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(52.6277, 64.7180,
10.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DB16
RGB	212, 219, 22
RGB Percent	83%, 86%, 9%
CMY	0.1686, 0.1412, 0.9137
CMYK	0.03, 0.00, 0.90, 0.14
HSL	62°, 82%, 47%
HSV	62°, 90%, 86%
XYZ	52.6277, 64.7180, 10.4771
YIQ	194.4490, 59.0650, -62.7510

Conversions

Conversions Part 2

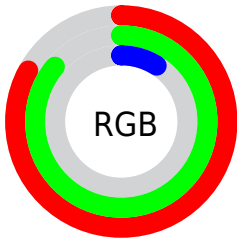
Format	Color
R _Y B	22, 219, 29
Decimal	13949718
CIE Lab	84.34, -21.91, 81.35
CIE LCh	84, 84.249, 105.077
Yxy	64.7180, 0.4117, 0.5063
Android (android.graphics.Color)	4292139798 (0xFFD4DB16)
YUV	194.4490, -85.0174, 15.3922
Hunter-Lab	80.4475, -24.0108, 48.5916

Details

The XYZ color **52.6277, 64.7180, 10.4771** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **13.5815, 5.9508, 67.4547**, and the grayscale version is **52.0112, 54.7198, 59.5899**.

A 20% lighter version of the original color is **79.0204, 93.5882, 24.4892**, and **26.4123, 33.3232, 5.0399** is the 20% darker color. If you saturate the color by 10%, you get **52.2608, 64.5478, 9.7079**, and if you desaturate by 10%, it is **53.1624, 64.9603, 12.1113**.

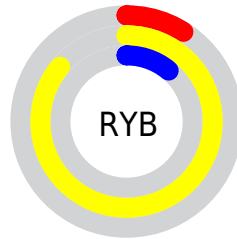
Distribution



Red (83%)

Green (86%)

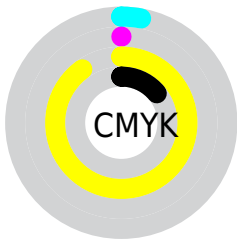
Blue (9%)



Red (9%)

Yellow (86%)

Blue (11%)

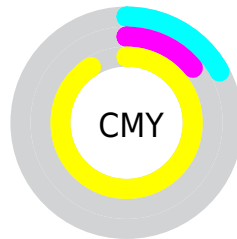


Cyan (3%)

Magenta (0%)

Yellow (90%)

Black (14%)



Cyan (17%)

Magenta (14%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6277, 64.7180, 10.4771 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 52.6277, 64.7180, 10.4771 by changing the saturation by 10% instead.

■ 52.6277, 64.7180,
10.4771

■ 52.6277, 64.7180,
10.4771

387.1394,
441.7779, 204.6511

■ 37.7319, 47.2325,
5.6067

■ 93.2251, 111.6443,
27.3108

■ 25.9510, 33.2195,
2.5425

■ 119.6574,
141.8539, 40.1112

■ 16.9195, 22.2946,
0.8626

■ 150.6659,
177.0736, 56.3920

■ 10.2720, 14.0735,
0.0000

■ 186.6160,
217.6878, 76.5718

■ 5.6433, 8.1718,
0.0000

■ 227.8731,
264.0810, 101.0690

■ 2.6680, 4.2051,
0.0000

■ 274.8024,

■ 0.9807, 1.7889,

316.6374, 130.3023

0.0000

327.7694,
375.7416, 164.6901

■ 0.0000, 0.4803,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6277, 64.7180,
10.4771

■ 52.6277, 64.7180,
10.4771

■ 52.2608, 64.5478,
9.7079

■ 53.1624, 64.9603,
12.1113

■ 52.2590, 64.5469,
9.7045

■ 53.9135, 65.2869,
14.8862

■ 54.9126, 65.7128,
18.9610

■ 56.1849, 66.2481,
24.4691

■ 57.7527, 66.9017,
31.5271

■ 59.6357, 67.6815,
40.2398

■ 61.8522, 68.5949,
50.7028

■ 64.4190, 69.6485,
63.0044

■ 67.3516, 70.8486,
77.2270

Harmonies

Analogous

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



71.2419, 64.7180, 10.4570



52.6277, 64.7180, 10.4771



39.4088, 64.7180, 19.9024

Triad

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



52.6277, 64.7180, 10.4771



39.4596, 64.7180, 171.3874



103.1961, 64.7180, 100.4428

Complementary

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



52.6277, 64.7180, 10.4771



13.5815, 5.9508, 67.4547

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.



90.6376, 64.7180, 171.0335



52.6277, 64.7180, 10.4771



52.7119, 64.7180, 224.1009

Square

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



52.6277, 64.7180, 10.4771



32.9217, 64.7180, 100.7819



71.3449, 64.7180, 223.9460



103.1608, 64.7180, 46.9365

Rectangle

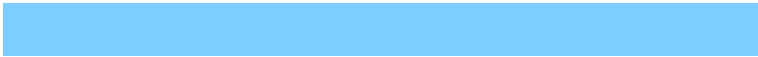
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.6277, 64.7180, 10.4771



34.3324, 64.7180, 35.3774



71.3449, 64.7180, 223.9460



100.2107, 64.7180, 123.3628

Sweetspot

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



52.6292, 64.7210, 10.4784



84.9837, 95.8700, 60.5637



29.7894, 15.9774, 2.2737



17.9736, 20.4308, 11.9489



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.



52.6292, 64.7210, 10.4784



73.7415, 91.1002, 13.6975



32.4103, 54.2978, 9.5322



14.1140, 15.2390, 13.9231



31.0059, 38.2816, 5.7549



2.0233, 2.4876, 0.3735

Inverse Universe

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



13.5815, 5.9508, 67.4547



18.1635, 7.2785, 95.0553



21.8381, 10.2072, 67.8411



12.3813, 12.6392, 16.4392



7.6588, 3.0724, 39.9278



0.5116, 0.2070, 2.5874

Previews

White Background



This preview shows how the XYZ color 52.6277, 64.7180, 10.4771 looks on a white background.

Color Contrast Check

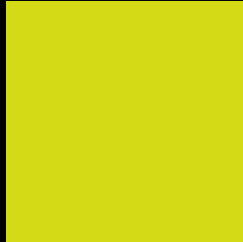
Large Text (above 18pt) WCAG AA × Fail

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 52.6277, 64.7180, 10.4771 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 52.6277, 64.7180, 10.4771

Background



This preview shows how black text looks on a background with the XYZ color 52.6277, 64.7180, 10.4771.



This preview shows how white text looks on a background with the XYZ color 52.6277, 64.7180,

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

52.6277, 64.7180, 10.4771

Protanopia

58.3369, 64.6401, 10.0182

Deuteranopia

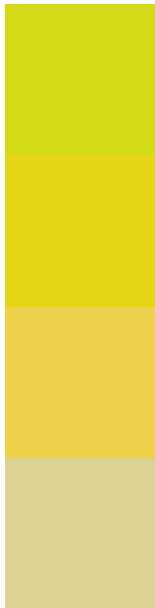
64.9620, 64.5417, 22.6696



Tritanopia

66.1897, 64.6839, 76.7068

Trichromacy



Original Color

52.6277, 64.7180, 10.4771

Protanomaly

56.1677, 64.6376, 10.1778

Deuteranomaly

59.4225, 63.9705, 15.8722

Tritanomaly

58.2700, 63.2686, 37.1579

Monochromacy



Original Color

52.6277, 64.7180, 10.4771

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.5401, 56.7681, 29.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6277, 64.7180, 10.4771 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(212, 219, 22)` looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 22)  
}
```

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(212, 219, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 22) }
```

Border

The CSS property to change the border of an element to XYZ 52.6277, 64.7180, 10.4771 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(212, 219, 22) }
```


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

```
.border{ border-color:rgb(212, 219, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 22);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6277, 64.7180, 10.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 22) }
```

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

```
.background{ background-color: rgb(212,  
219, 22) }
```

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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