

Converting Colors

XYZ(41.7739, 51.3074, 8.2778)

Have a look what the booklet for
XYZ(41.7739, 51.3074, 8.2778)
contains.

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Color

**XYZ(41.5613, 51.0525,
8.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC512
RGB	191, 197, 18
RGB Percent	75%, 77%, 7%
CMY	0.2510, 0.2274, 0.9293
CMYK	0.03, 0.00, 0.91, 0.23
HSL	62°, 83%, 42%
HSV	62°, 91%, 77%
XYZ	41.5613, 51.0525, 8.2359
YIQ	174.8000, 53.8830, -56.9410

Conversions

Conversions Part 2

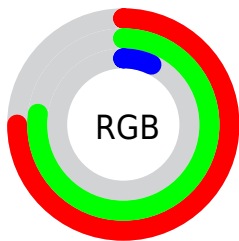
Format	Color
RYB	18, 197, 24
Decimal	12567826
CIELab	76.71, -20.11, 75.26
CIELCh	77, 77.904, 104.958
Yxy	51.0525, 0.4121, 0.5062
Android (android.graphics.Color)	4290757906 (0xFFBFC512)
YUV	174.8000, -77.3024, 14.2074
Hunter-Lab	71.4510, -21.2103, 43.1816

Details

The XYZ color **41.5613, 51.0525, 8.2359** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **10.6724, 4.6590, 53.1632**, and the grayscale version is **41.0138, 43.1497, 46.9900**.

A 20% lighter version of the original color is **76.6704, 91.4644, 22.8459**, and **19.6461, 24.9331, 3.7771** is the 20% darker color. If you saturate the color by 10%, you get **41.3014, 50.9329, 7.6542**, and if you desaturate by 10%, it is **41.9651, 51.2352, 9.4874**.

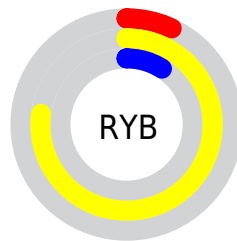
Distribution



Red (75%)

Green (77%)

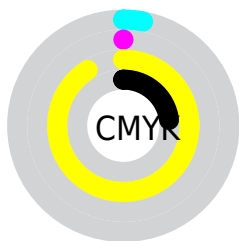
Blue (7%)



Red (7%)

Yellow (77%)

Blue (9%)

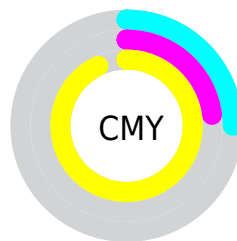


Cyan (3%)

Magenta (0%)

Yellow (91%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5613, 51.0525, 8.2359 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 41.5613, 51.0525, 8.2359 by changing the saturation by 10% instead.

■ 41.5613, 51.0525,
8.2359

■ 41.5613, 51.0525,
8.2359

343.6838,
390.7677, 187.5739

■ 28.9475, 36.2504,
4.1563

■ 76.8046, 91.7324,
22.9734

■ 19.1852, 24.6276,
1.7115

■ 100.1648,
118.3789, 34.4684

■ 11.9090, 15.7999,
0.3686

■ 127.8379,
149.7424, 49.2723

■ 6.7535, 9.3826,
0.0000

■ 160.1892,
186.2072, 67.8036

■ 3.3534, 4.9916,
0.0000

■ 197.5841,
228.1578, 90.4808

■ 1.3433, 2.2423,
0.0000

■ 240.3879,

■ 0.2153, 0.7429,

275.9784, 117.7226

0.0000

288.9660,
330.0536, 149.9475

■ 0.0000, 0.0000,
0.0000

■ 41.5613, 51.0525,
8.2359

■ 41.5613, 51.0525,
8.2359

■ 41.3014, 50.9329,
7.6542

■ 41.9651, 51.2352,
9.4874

■ 42.5361, 51.4829,
11.6210

■ 43.2990, 51.8075,
14.7607

■ 44.2734, 52.2168,
19.0102

■ 45.4765, 52.7176,
24.4602

■ 46.9237, 53.3162,
31.1921

■ 48.6293, 54.0182,
39.2802

■ 50.6062, 54.8288,
48.7932

■ 52.8666, 55.7529,
59.7950

Harmonies

Analogous

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



56.2677, 51.0525, 8.2445



41.5613, 51.0525, 8.2359



31.1071, 51.0525, 15.6300

Triad

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



41.5613, 51.0525, 8.2359



31.0853, 51.0525, 135.0617



81.4137, 51.0525, 79.4603

Complementary

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



41.5613, 51.0525, 8.2359



10.6724, 4.6590, 53.1632

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.



71.4649, 51.0525, 135.2130



41.5613, 51.0525, 8.2359



41.5253, 51.0525, 176.8155

Square

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



41.5613, 51.0525, 8.2359



25.9464, 51.0525, 79.3153



56.2236, 51.0525, 176.8818



81.4288, 51.0525, 37.1377

Rectangle

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



41.5613, 51.0525, 8.2359



27.0866, 51.0525, 27.7946



56.2236, 51.0525, 176.8818



79.0434, 51.0525, 97.5739

Sweetspot

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



41.5625, 51.0549, 8.2369



85.0341, 95.8960, 60.5660



23.4629, 12.5673, 1.7620



17.9857, 20.4370, 11.9495



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.



41.5625, 51.0549, 8.2369



73.9219, 91.1932, 13.7059



25.5047, 42.7768, 7.4855



11.4874, 12.3982, 11.3504



27.1791, 33.5066, 5.0349



1.2982, 1.5923, 0.2389

Inverse Universe

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



10.6724, 4.6590, 53.1632



18.1571, 7.2752, 95.0550



17.1668, 8.0070, 53.4671



10.0890, 10.3042, 13.3746



6.6973, 2.6869, 34.9100



0.3289, 0.1333, 1.6535

Previews

White Background



This preview shows how the XYZ color 41.5613, 51.0525, 8.2359 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 41.5613, 51.0525, 8.2359 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 41.5613, 51.0525, 8.2359

Background



This preview shows how black text looks on a background with the XYZ color 41.5613, 51.0525, 8.2359.



This preview shows how white text looks on a background with the XYZ color 41.5613, 51.0525,

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

41.5613, 51.0525, 8.2359

Protanopia

45.9403, 51.0075, 7.8761

Deuteranopia

51.6834, 50.5387, 8.6210



Tritanopia

52.0284, 50.7816, 60.4857

Trichromacy



Original Color

41.5613, 51.0525, 8.2359

Protanomaly

44.3403, 51.1565, 8.0274

Deuteranomaly

47.5995, 50.5787, 8.4163

Tritanomaly

45.7700, 49.8020, 29.3907

Monochromacy



Original Color

41.5613, 51.0525, 8.2359

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.2596, 44.9987, 23.7560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5613, 51.0525, 8.2359 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(191, 197, 18)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 18)  
}
```

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(191, 197, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 18) }
```

Border

The CSS property to change the border of an element to XYZ 41.5613, 51.0525, 8.2359 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(191, 197, 18) }
```


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

```
.border{ border-color:rgb(191, 197, 18) }
```

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

Here you see how a box with a 4 pixel rgb(191, 197, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 18);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5613, 51.0525, 8.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 18) }
```

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

```
.background{ background-color: rgb(191,  
197, 18) }
```

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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