

Converting Colors

XYZ(25.6736, 51.2234, 8.5932)

Have a look what the booklet for
XYZ(25.6736, 51.2234, 8.5932)
contains.

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Color

**XYZ(25.6793, 51.2295,
8.5923)**

Conversions

Conversions Part 1

Format	Color
Hex	06DC02
RGB	6, 220, 2
RGB Percent	2%, 86%, 1%
CMY	0.9765, 0.1372, 0.9920
CMYK	0.97, 0.00, 0.99, 0.14
HSL	119°, 98%, 44%
HSV	119°, 99%, 86%
XYZ	25.6793, 51.2295, 8.5923
YIQ	131.1620, -57.5660, -113.1660

Conversions

Conversions Part 2

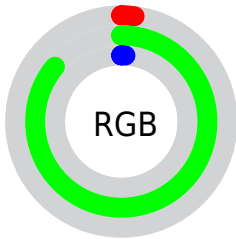
Format	Color
R_{YB}	2, 220, 216
Decimal	449538
CIE Lab	76.82, -76.84, 74.25
CIE LCh	77, 106.851, 135.985
Yxy	51.2295, 0.3003, 0.5992
Android (android.graphics.Color)	4278639618 (0xFF06DC02)
YUV	131.1620, -63.6769, -109.7671
Hunter-Lab	71.5748, -61.2144, 42.9848

Details

The XYZ color **25.6793, 51.2295, 8.5923** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **41.2682, 19.8149, 69.3624**, and the grayscale version is **21.8694, 23.0083, 25.0560**.

A 20% lighter version of the original color is **43.9552, 75.5554, 20.8613**, and **13.0972, 26.1944, 4.3657** is the 20% darker color. If you saturate the color by 10%, you get **25.6444, 51.2143, 8.5338**, and if you desaturate by 10%, it is **26.2275, 51.4958, 9.4231**.

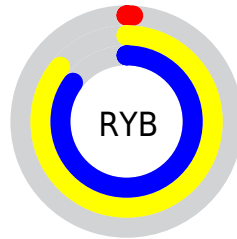
Distribution



Red (2%)

Green (86%)

Blue (1%)



Red (1%)

Yellow (86%)

Blue (85%)

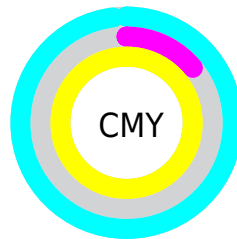


Cyan (97%)

Magenta (0%)

Yellow (99%)

Black (14%)



Cyan (98%)


Magenta (14%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6793, 51.2295, 8.5923 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 25.6793, 51.2295, 8.5923 by changing the saturation by 10% instead.


 25.6793, 51.2295,
8.5923


 25.6793, 51.2295,
8.5923


273.4899,
391.4548, 190.4114


 16.7153, 36.3913,
4.3831


 52.1921, 91.9939,
23.6767

 10.1258, 24.7365,
1.8378


 70.4717, 118.6889,
35.3890

 5.5453, 15.8809,
0.4527


 92.5871, 150.1050,
50.4393

 2.6086, 9.4399,
0.0000

 118.9037,
186.6265, 69.2463

 0.9504, 5.0292,
0.0000

 149.7870,
228.6378, 92.2285

 0.0000, 2.2644,
0.0000

 185.6022,

 0.0000, 0.7548,

276.5234, 119.8043

0.0000

226.7147,
330.6676, 152.3925

■ 0.0000, 0.0000,
0.0000

■ 25.6793, 51.2295,
8.5923

■ 25.6793, 51.2295,
8.5923

■ 25.6444, 51.2143,
8.5338

■ 26.2275, 51.4958,
9.4231

■ 27.3643, 52.0439,
11.1911

■ 29.2225, 52.9383,
14.1516

■ 31.8947, 54.2231,
18.4647

■ 35.4600, 55.9364,
24.2661

■ 39.9878, 58.1113,
31.6747

■ 45.5410, 60.7779,
40.7975

■ 52.1769, 63.9636,
51.7325

■ 59.9488, 67.6941,
64.5700

Harmonies

Analogous

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



38.7194, 51.2295, 2.5621



25.6793, 51.2295, 8.5923



19.8013, 51.2295, 32.8605

Triad

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



25.6793, 51.2295, 8.5923



39.8417, 51.2295, 249.5759



96.6505, 51.2295, 30.3224

Complementary

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



25.6793, 51.2295, 8.5923



41.2682, 19.8149, 69.3624

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.



97.1996, 51.2295, 87.4511



25.6793, 51.2295, 8.5923



60.2451, 51.2295, 246.8872

Square

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



25.6793, 51.2295, 8.5923



26.3031, 51.2295, 180.8901



82.4824, 51.2295, 175.0064



81.1426, 51.2295, 7.8355

Rectangle

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



25.6793, 51.2295, 8.5923



19.2851, 51.2295, 68.2591



82.4824, 51.2295, 175.0064



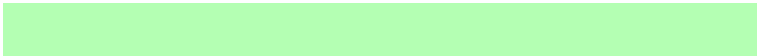
98.7116, 51.2295, 44.9232

Sweetspot

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



25.6805, 51.2316, 8.5935



62.6442, 84.4452, 55.3810



53.2559, 62.6775, 9.3493



12.6797, 17.7248, 10.6560



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.



25.6805, 51.2316, 8.5935



35.8182, 71.5500, 11.9227



28.1056, 52.1959, 21.6239



12.9084, 14.6175, 13.8667



15.0600, 30.0612, 5.0086



0.9836, 1.9516, 0.3249

Inverse Universe

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



41.2682, 19.8149, 69.3624



57.5998, 27.6087, 96.9009



32.8252, 16.5750, 18.6968



13.5897, 13.2621, 16.4957



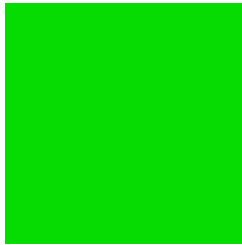
24.2106, 11.6052, 40.7024



1.5761, 0.7558, 2.6373

Previews

White Background



This preview shows how the XYZ color 25.6793, 51.2295, 8.5923 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 25.6793, 51.2295, 8.5923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

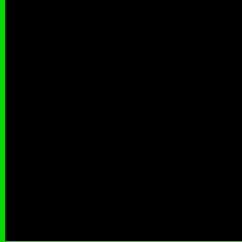
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

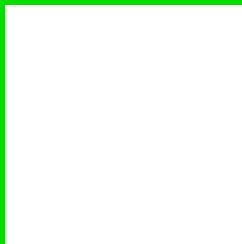
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6793, 51.2295, 8.5923

Background



This preview shows how black text looks on a background with the XYZ color 25.6793, 51.2295, 8.5923.



This preview shows how white text looks on a background with the XYZ color 25.6793, 51.2295,

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

25.6793, 51.2295, 8.5923

Protanopia

45.1346, 49.9635, 7.2651

Deuteranopia

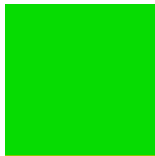
51.0460, 49.8871, 9.7351



Tritanopia

39.0576, 50.6815, 76.1306

Trichromacy



Original Color

25.6793, 51.2295, 8.5923



Protanomaly

30.9763, 46.6291, 7.3964



Deuteranomaly

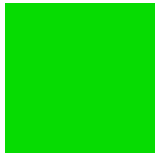
32.2662, 44.9143, 8.2650



Tritanomaly

29.7788, 49.0084, 33.0894

Monochromacy



Original Color

25.6793, 51.2295, 8.5923



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

18.5352, 28.8129, 12.9720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6793, 51.2295, 8.5923 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(6, 220, 2)` looks like.

```
.text, #text, p{  
    color:rgb(6, 220, 2)  
}
```

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(6, 220, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 220, 2) }
```

Border

The CSS property to change the border of an element to XYZ 25.6793, 51.2295, 8.5923 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(6, 220, 2) }
```


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

```
.border{ border-color:rgb(6, 220, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 220, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 220, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 220, 2); box-shadow:4px  
4px 4px 4px rgb(6, 220, 2) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6793, 51.2295, 8.5923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 220, 2) }
```

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

```
.background{ background-color: rgb(6, 220,  
2) }
```

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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