

Converting Colors

XYZ(25.2608, 46.7039, 6.1055)

Have a look what the booklet for
XYZ(25.2608, 46.7039, 6.1055)
contains.

XYZ(25.4575, 46.6076, 7.6544)	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(25.4575, 46.6076,
7.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	4BD000
RGB	75, 208, 0
RGB Percent	29%, 82%, 0%
CMY	0.7059, 0.1843, 0.9999
CMYK	0.64, 0.00, 1.00, 0.18
HSL	98°, 100%, 41%
HSV	98°, 100%, 82%
XYZ	25.4575, 46.6076, 7.6544
YIQ	144.5210, -12.5000, -92.8840

Conversions

Conversions Part 2

Format	Color
RYB	0, 208, 133
Decimal	4968448
CIELab	73.94, -65.36, 72.52
CIELCh	74, 97.631, 132.027
Yxy	46.6076, 0.3193, 0.5846
Android (android.graphics.Color)	4283158528 (0xFF4BD000)
YUV	144.5210, -71.2489, -60.9699
Hunter-Lab	68.2698, -52.9102, 41.1412

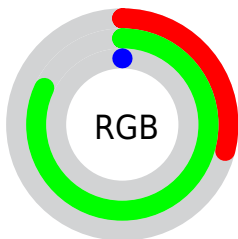
Details

The XYZ color **25.4575, 46.6076, 7.6544** is a dark color, and the websafe version is hex **33CC00**.

The color can be described as dark washed green. A complement of this color would be **21.0633, 9.5437, 60.4090**, and the grayscale version is **27.0047, 28.4110, 30.9396**.

A 20% lighter version of the original color is **48.1366, 77.7200, 20.6480**, and **11.2282, 22.4565, 3.7427** is the 20% darker color. If you saturate the color by 10%, you get **25.4572, 46.6089, 7.6547**, and if you desaturate by 10%, it is **26.7437, 47.2566, 8.4129**.

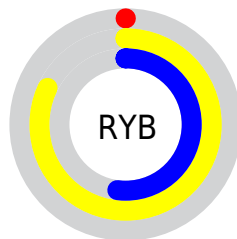
Distribution



Red (29%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (52%)

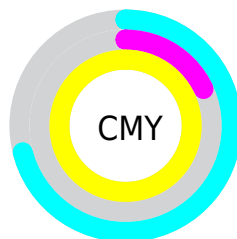


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (71%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4575, 46.6076, 7.6544 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 25.4575, 46.6076, 7.6544 by changing the saturation by 10% instead.

■ 25.4575, 46.6076,
7.6544

■ 25.4575, 46.6076,
7.6544

272.4145,
373.2460, 182.8278

■ 16.5488, 32.7256,
3.7900

■ 51.8360, 85.1276,
21.8130

■ 10.0066, 21.9163,
1.5109

■ 70.0365, 110.5343,
32.9442

■ 5.4656, 13.7954,
0.2260

■ 92.0650, 140.5514,
47.3349

■ 2.5605, 7.9785,
0.0000

■ 118.2868,
175.5633, 65.4035

■ 0.9259, 4.0812,
0.0000

■ 149.0673,
215.9543, 87.5685

■ 0.0000, 1.7191,
0.0000

■ 184.7719,

■ 0.0000, 0.4360,

262.1088, 114.2485

0.0000

225.7658,
314.4113, 145.8621

■ 0.0000, 0.0000,
0.0000

■ 25.4575, 46.6076,
7.6544

■ 25.4575, 46.6076,
7.6544

■ 25.4572, 46.6089,
7.6547

■ 26.7437, 47.2566,
8.4129

■ 28.4027, 48.0798,
9.9388

■ 30.4959, 49.1046,
12.4897

■ 33.0602, 50.3470,
16.2049

■ 36.1282, 51.8212,
21.2020

■ 39.7288, 53.5398,
27.5843

■ 43.8888, 55.5147,
35.4444

■ 48.6327, 57.7566,
44.8672

■ 53.9836, 60.2758,
55.9308

Harmonies

Analogous

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



37.6844, 46.6076, 2.8782



25.4575, 46.6076, 7.6544



19.4804, 46.6076, 26.5448

Triad

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



25.4575, 46.6076, 7.6544



34.7535, 46.6076, 207.4296



85.7589, 46.6076, 33.2797

Complementary

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



25.4575, 46.6076, 7.6544



21.0633, 9.5437, 60.4090

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.



84.3709, 46.6076, 86.4427



25.4575, 46.6076, 7.6544



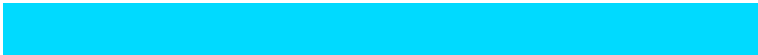
51.6459, 46.6076, 214.0773

Square

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



25.4575, 46.6076, 7.6544



23.7983, 46.6076, 145.7710



70.6968, 46.6076, 160.4426



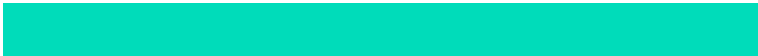
74.1021, 46.6076, 9.8241

Rectangle

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



25.4575, 46.6076, 7.6544



18.5629, 46.6076, 54.2149



70.6968, 46.6076, 160.4426



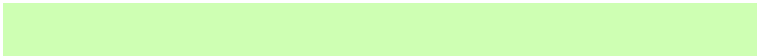
86.8724, 46.6076, 47.4316

Sweetspot

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



25.4586, 46.6096, 7.6554



69.3214, 87.8874, 55.6935



34.2304, 29.8439, 3.9570



14.2148, 18.5162, 10.7279



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.



25.4586, 46.6096, 7.6554



40.1662, 73.7915, 12.1262



22.7638, 45.1965, 8.6073



12.0528, 13.4107, 12.5653



15.9624, 29.0979, 4.7751



0.9783, 1.6712, 0.2710

Inverse Universe

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



21.0633, 9.5437, 60.4090



33.1695, 15.0144, 95.7576



34.2799, 16.7174, 44.7462



11.8802, 11.7871, 14.8926



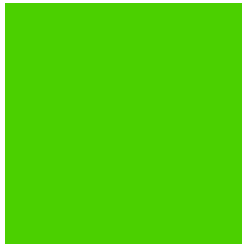
13.2352, 6.0033, 37.6537



0.8251, 0.3795, 2.1093

Previews

White Background



This preview shows how the XYZ color 25.4575, 46.6076, 7.6544 looks on a white background.

Color Contrast Check

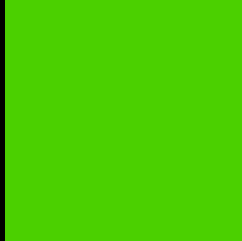
Large Text (above 18pt) WCAG AA × Fail

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 25.4575, 46.6076, 7.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

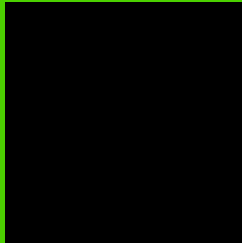
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4575, 46.6076, 7.6544

Background



This preview shows how black text looks on a background with the XYZ color 25.4575, 46.6076, 7.6544.



This preview shows how white text looks on a background with the XYZ color 25.4575, 46.6076,

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

25.4575, 46.6076, 7.6544

Protanopia

41.1525, 45.7443, 6.6606

Deuteranopia

46.6961, 45.6386, 8.7308



Tritanopia

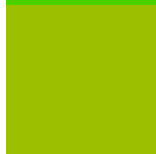
37.2607, 46.1881, 67.2730

Trichromacy



Original Color

25.4575, 46.6076, 7.6544



Protanomaly

32.3411, 44.3295, 6.8519



Deuteranomaly

34.3633, 43.1355, 7.6134



Tritanomaly

29.5733, 44.7343, 29.2662

Monochromacy



Original Color

25.4575, 46.6076, 7.6544



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

23.6801, 32.7710, 15.2026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4575, 46.6076, 7.6544 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(75, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 208, 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(75, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 208, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.4575, 46.6076, 7.6544 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(75, 208, 0) }
```


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

```
.border{ border-color:rgb(75, 208, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 208, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 208, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4575, 46.6076, 7.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 208, 0) }
```

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

```
.background{ background-color: rgb(75, 208,  
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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