

Converting Colors

XYZ(25.2959, 47.0665, 8.1880)

Have a look what the booklet for
XYZ(25.2959, 47.0665, 8.1880)
contains.

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Color

**XYZ(25.4476, 47.3210,
8.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	43D20F
RGB	67, 210, 15
RGB Percent	26%, 82%, 6%
CMY	0.7373, 0.1765, 0.9411
CMYK	0.68, 0.00, 0.93, 0.18
HSL	104°, 87%, 44%
HSV	104°, 93%, 82%
XYZ	25.4476, 47.3210, 8.2446
YIQ	145.0130, -22.6330, -90.9610

Conversions

Conversions Part 2

Format	Color
RYB	15, 210, 158
Decimal	4444687
CIELab	74.39, -67.37, 71.24
CIELCh	74, 98.052, 133.401
Yxy	47.3210, 0.3141, 0.5841
Android (android.graphics.Color)	4282634767 (0xFF43D20F)
YUV	145.0130, -64.0964, -68.4174
Hunter-Lab	68.7903, -54.3504, 41.0472

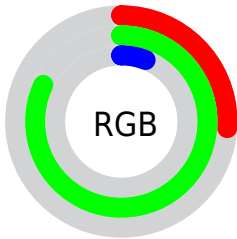
Details

The XYZ color **25.4476, 47.3210, 8.2446** 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 **25.9097, 12.2671, 61.9775**, and the grayscale version is **27.1799, 28.5954, 31.1404**.

A 20% lighter version of the original color is **47.3118, 77.2765, 21.4391**, and **11.5556, 23.1112, 3.8519** is the 20% darker color. If you saturate the color by 10%, you get **24.6776, 46.9354, 7.7588**, and if you desaturate by 10%, it is **26.8811, 48.0346, 9.5255**.

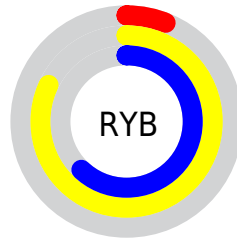
Distribution



Red (26%)

Green (82%)

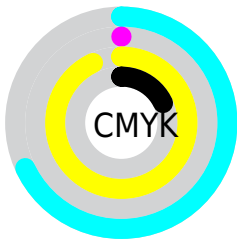
Blue (6%)



Red (6%)

Yellow (82%)

Blue (62%)

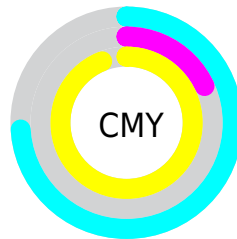


Cyan (68%)

Magenta (0%)

Yellow (93%)

Black (18%)



Cyan (74%)


Magenta (18%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4476, 47.3210, 8.2446 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 25.4476, 47.3210, 8.2446 by changing the saturation by 10% instead.


 25.4476, 47.3210,
8.2446


 25.4476, 47.3210,
8.2446


272.3664,
376.0944, 187.6438


 16.5414, 33.2895,
4.1618


 51.8201, 86.1926,
22.9906


 10.0013, 22.3483,
1.7145


 70.0171, 111.8014,
34.4910

 5.4621, 14.1131,
0.3707


 92.0417, 142.0382,
49.3009

 2.5584, 8.1993,
0.0000

 118.2593,
177.2873, 67.8390

 0.9248, 4.2228,
0.0000

 149.0352,
217.9330, 90.5238

 0.0000, 1.7989,
0.0000

 184.7348,

 0.0000, 0.4865,

264.3599, 117.7739

0.0000

225.7234,
316.9522, 150.0077

■ 0.0000, 0.0000,
0.0000

■ 25.4476, 47.3210,
8.2446

■ 25.4476, 47.3210,
8.2446

■ 24.6776, 46.9354,
7.7588

■ 26.8811, 48.0346,
9.5255

■ 28.8025, 48.9765,
11.8090

■ 31.2601, 50.1699,
15.2479

■ 34.2946, 51.6329,
19.9685

■ 37.9424, 53.3819,
26.0803

■ 42.2369, 55.4320,
33.6814

■ 47.2087, 57.7970,
42.8609

■ 52.8864, 60.4900,
53.7008

■ 59.2971, 63.5231,
66.2775

Harmonies

Analogous

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



37.5572, 47.3210, 3.0096



25.4476, 47.3210, 8.2446



19.6531, 47.3210, 28.4380

Triad

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



25.4476, 47.3210, 8.2446



35.9578, 47.3210, 212.2009



86.7545, 47.3210, 32.1121

Complementary

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



25.4476, 47.3210, 8.2446



25.9097, 12.2671, 61.9775

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.



85.9969, 47.3210, 84.5964



25.4476, 47.3210, 8.2446



53.3152, 47.3210, 215.8295

Square

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



25.4476, 47.3210, 8.2446



24.5421, 47.3210, 151.3905



72.5753, 47.3210, 159.3982



74.4339, 47.3210, 9.4279

Rectangle

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



25.4476, 47.3210, 8.2446



18.8831, 47.3210, 57.5124



72.5753, 47.3210, 159.3982



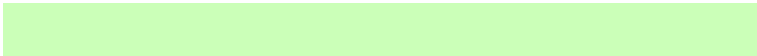
88.1014, 47.3210, 45.9674

Sweetspot

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



25.4487, 47.3230, 8.2457



68.8990, 87.6092, 58.4068



38.8941, 38.1933, 5.7748



14.0533, 18.4216, 11.2334



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.



25.4487, 47.3230, 8.2457



38.1425, 72.7482, 12.0315



24.0742, 46.5286, 12.0590



11.9477, 13.3565, 12.5604



15.1344, 28.6710, 4.7364



0.9224, 1.6424, 0.2684

Inverse Universe

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



25.9097, 12.2671, 61.9775



38.5485, 17.7874, 96.0093



33.4974, 16.7432, 36.8291



11.9905, 11.8439, 14.8978



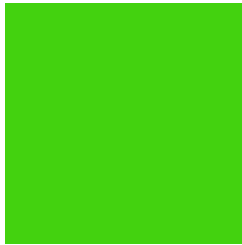
15.3264, 7.0813, 37.7515



0.9299, 0.4336, 2.1142

Previews

White Background



This preview shows how the XYZ color 25.4476, 47.3210, 8.2446 looks on a white background.

Color Contrast Check

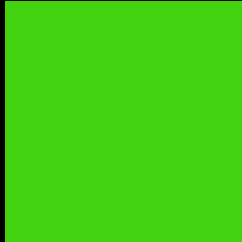
Large Text (above 18pt) WCAG AA × Fail

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 25.4476, 47.3210, 8.2446 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 25.4476, 47.3210, 8.2446

Background



This preview shows how black text looks on a background with the XYZ color 25.4476, 47.3210, 8.2446.



This preview shows how white text looks on a background with the XYZ color 25.4476, 47.3210,

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

25.4476, 47.3210, 8.2446

Protanopia

41.9048, 46.4350, 6.7542

Deuteranopia

47.2406, 46.1963, 9.0117



Tritanopia

37.3364, 46.8592, 68.7049

Trichromacy



Original Color

25.4476, 47.3210, 8.2446



Protanomaly

32.3946, 44.6788, 7.0601



Deuteranomaly

34.2245, 43.6742, 8.2162



Tritanomaly

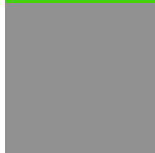
29.8015, 45.4773, 32.0182

Monochromacy



Original Color

25.4476, 47.3210, 8.2446



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

23.7287, 33.0397, 16.6819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4476, 47.3210, 8.2446 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(67, 210, 15)` looks like.

```
.text, #text, p{  
    color:rgb(67, 210, 15)  
}
```

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(67, 210, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 210, 15) }
```

Border

The CSS property to change the border of an element to XYZ 25.4476, 47.3210, 8.2446 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(67, 210, 15) }
```


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

```
.border{ border-color:rgb(67, 210, 15) }
```

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

Here you see how a box with a 4 pixel rgb(67, 210, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 210, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 210, 15);  
box-shadow:4px 4px 4px 4px rgb(67, 210,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4476, 47.3210, 8.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 210, 15) }
```

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

```
.background{ background-color: rgb(67, 210,  
15) }
```

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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