

Converting Colors

XYZ(25.6766, 45.2910, 7.3887)

Have a look what the booklet for
XYZ(25.6766, 45.2910, 7.3887)
contains.

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Color

**XYZ(25.7127, 45.3096,
7.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	59CC00
RGB	89, 204, 0
RGB Percent	35%, 80%, 0%
CMY	0.6510, 0.2000, 0.9999
CMYK	0.56, 0.00, 1.00, 0.20
HSL	94°, 100%, 40%
HSV	94°, 100%, 80%
XYZ	25.7127, 45.3096, 7.3904
YIQ	146.3590, -3.0560, -87.8240

Conversions

Conversions Part 2

Format	Color
RYB	0, 204, 115
Decimal	5884928
CIELab	73.10, -60.66, 72.03
CIELCh	73, 94.167, 130.101
Yxy	45.3096, 0.3279, 0.5778
Android (android.graphics.Color)	4284075008 (0xFF59CC00)
YUV	146.3590, -72.1550, -50.3038
Hunter-Lab	67.3124, -49.6114, 40.6091

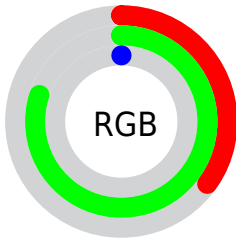
Details

The XYZ color **25.7127, 45.3096, 7.3904** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed green. A complement of this color would be **17.9736, 8.0070, 57.7275**, and the grayscale version is **27.7596, 29.2053, 31.8045**.

A 20% lighter version of the original color is **50.0455, 78.7085, 20.5372**, and **10.7474, 21.4949, 3.5825** is the 20% darker color. If you saturate the color by 10%, you get **25.7124, 45.3108, 7.3907**, and if you desaturate by 10%, it is **27.0351, 45.9777, 8.1314**.

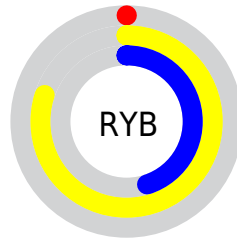
Distribution



Red (35%)

Green (80%)

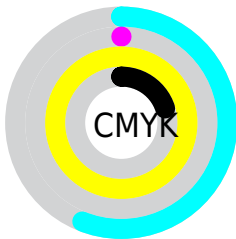
Blue (0%)



Red (0%)

Yellow (80%)

Blue (45%)

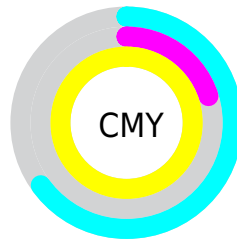


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (65%)


Magenta (20%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7127, 45.3096, 7.3904 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 25.7127, 45.3096, 7.3904 by changing the saturation by 10% instead.


 25.7127, 45.3096,
7.3904


 25.7127, 45.3096,
7.3904


273.6515,
368.0260, 180.6215


 16.7404, 31.7014,
3.6253


 52.2457, 83.1848,
21.2805


 10.1437, 21.1335,
1.4221


 70.5371, 108.2206,
32.2426

 5.5573, 13.2216,
0.1589


 92.6656, 137.8343,
46.4407

 2.6159, 7.5813,
0.0000

 118.9965,
172.4103, 64.2935

 0.9541, 3.8282,
0.0000

 149.8952,
212.3331, 86.2194

 0.0000, 1.5780,
0.0000

 185.7270,

 0.0000, 0.3427,

257.9871, 112.6370

0.0000

226.8573,
309.7566, 143.9649

■ 0.0000, 0.0000,
0.0000

■ 25.7127, 45.3096,
7.3904

■ 25.7127, 45.3096,
7.3904

■ 25.7124, 45.3108,
7.3907

■ 27.0351, 45.9777,
8.1314

■ 28.6735, 46.7915,
9.6021

■ 30.6830, 47.7753,
12.0510

■ 33.0953, 48.9426,
15.6105

■ 35.9380, 50.3051,
20.3926

■ 39.2356, 51.8735,
26.4954

■ 43.0107, 53.6573,
34.0074

■ 47.2842, 55.6655,
43.0090

■ 52.0753, 57.9065,
53.5748

Harmonies

Analogous

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



37.7449, 45.3096, 3.0749



25.7127, 45.3096, 7.3904



19.6174, 45.3096, 24.4487

Triad

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



25.7127, 45.3096, 7.3904



33.1576, 45.3096, 193.2695



82.3893, 45.3096, 35.0718

Complementary

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



25.7127, 45.3096, 7.3904



17.9736, 8.0070, 57.7275

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.



80.2498, 45.3096, 87.1068



25.7127, 45.3096, 7.3904



48.8638, 45.3096, 203.4092

Square

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



25.7127, 45.3096, 7.3904



23.0940, 45.3096, 133.8900



66.8643, 45.3096, 156.3619



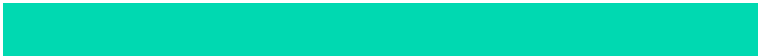
72.1269, 45.3096, 10.9321

Rectangle

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



25.7127, 45.3096, 7.3904



18.5188, 45.3096, 49.4943



66.8643, 45.3096, 156.3619



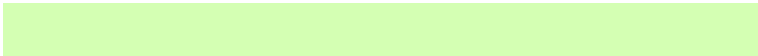
83.1482, 45.3096, 49.1749

Sweetspot

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



25.7137, 45.3115, 7.3914



70.9599, 88.7321, 55.7702



30.7207, 24.4733, 3.1053



14.5986, 18.7141, 10.7458



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.



25.7137, 45.3115, 7.3914



42.3447, 74.9145, 12.2282



21.6501, 43.2102, 7.4929



11.5245, 12.7723, 11.9373



16.2858, 28.5709, 4.6564



0.9267, 1.5186, 0.2443

Inverse Universe

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



17.9736, 8.0070, 57.7275



29.5112, 13.1285, 95.5864



34.6189, 16.7247, 52.3277



11.1968, 11.1507, 14.1325



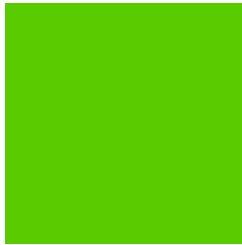
11.4199, 5.0947, 36.3378



0.6753, 0.3072, 1.8787

Previews

White Background



This preview shows how the XYZ color 25.7127, 45.3096, 7.3904 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 25.7127, 45.3096, 7.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

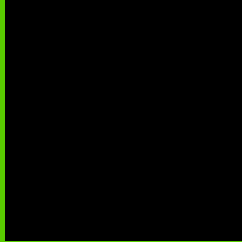
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7127, 45.3096, 7.3904

Background



This preview shows how black text looks on a background with the XYZ color 25.7127, 45.3096, 7.3904.



This preview shows how white text looks on a background with the XYZ color 25.7127, 45.3096,

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

25.7127, 45.3096, 7.3904

Protanopia

40.2075, 44.6577, 6.5006

Deuteranopia

45.3464, 44.3904, 8.3687



Tritanopia

37.1786, 45.2278, 64.5279

Trichromacy



Original Color

25.7127, 45.3096, 7.3904



Protanomaly

32.4804, 43.4400, 6.6729



Deuteranomaly

34.6050, 42.6490, 7.4451



Tritanomaly

29.8510, 43.8931, 28.0180

Monochromacy



Original Color

25.7127, 45.3096, 7.3904



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

24.2519, 32.7877, 15.4064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7127, 45.3096, 7.3904 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(89, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(89, 204, 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(89, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 204, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.7127, 45.3096, 7.3904 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(89, 204, 0) }
```


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

```
.border{ border-color:rgb(89, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(89, 204, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.7127, 45.3096, 7.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 204, 0) }
```

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

```
.background{ background-color: rgb(89, 204,  
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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