

Converting Colors

XYZ(27.1083, 46.7393, 7.5928)

Have a look what the booklet for
XYZ(27.1083, 46.7393, 7.5928)
contains.

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Color

**XYZ(27.1083, 46.7393,
7.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	62CE00
RGB	98, 206, 0
RGB Percent	38%, 81%, 0%
CMY	0.6157, 0.1921, 0.9999
CMYK	0.52, 0.00, 1.00, 0.19
HSL	91°, 100%, 40%
HSV	91°, 100%, 81%
XYZ	27.1083, 46.7393, 7.5928
YIQ	150.2240, 1.7580, -86.9620

Conversions

Conversions Part 2

Format	Color
RYB	0, 206, 108
Decimal	6475264
CIELab	74.02, -58.91, 72.89
CIELCh	74, 93.717, 128.943
Yxy	46.7393, 0.3329, 0.5739
Android (android.graphics.Color)	4284665344 (0xFF62CE00)
YUV	150.2240, -74.0604, -45.8004
Hunter-Lab	68.3661, -48.8626, 41.2715

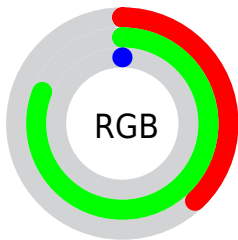
Details

The XYZ color **27.1083, 46.7393, 7.5928** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **17.3291, 7.6468, 58.9578**, and the grayscale version is **29.3914, 30.9221, 33.6741**.

A 20% lighter version of the original color is **51.6194, 79.5155, 20.8110**, and **11.3759, 22.2926, 3.7033** is the 20% darker color. If you saturate the color by 10%, you get **27.1079, 46.7406, 7.5931**, and if you desaturate by 10%, it is **28.4864, 47.4360, 8.3460**.

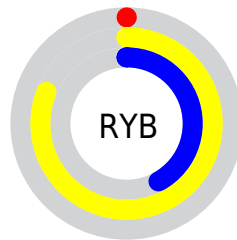
Distribution



Red (38%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (42%)

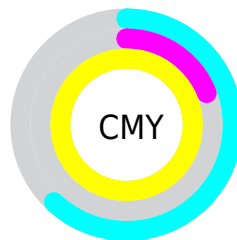


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (62%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1083, 46.7393, 7.5928 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 27.1083, 46.7393, 7.5928 by changing the saturation by 10% instead.

■ 27.1083, 46.7393,
7.5928

■ 27.1083, 46.7393,
7.5928

280.3391,
373.7730, 182.3160

■ 17.7916, 32.8296,
3.7515

■ 54.4763, 85.3243,
21.6890

■ 10.8992, 21.9959,
1.4900

■ 73.2582, 110.7685,
32.7811

■ 6.0659, 13.8539,
0.2105

■ 95.9260, 140.8263,
47.1271

■ 2.9262, 8.0191,
0.0000

■ 122.8449,
175.8820, 65.1457

■ 1.1149, 4.1072,
0.0000

■ 154.3803,
216.3202, 87.2553

■ 0.0375, 1.7337,
0.0000

■ 190.8976,

■ 0.0000, 0.4453,

262.5251, 113.8745

0.0000

232.7620,
314.8812, 145.4219

■ 0.0000, 0.0000,
0.0000

■ 27.1083, 46.7393,
7.5928

■ 27.1083, 46.7393,
7.5928

■ 27.1079, 46.7406,
7.5931

■ 28.4864, 47.4360,
8.3460

■ 30.1672, 48.2710,
9.8456

■ 32.2051, 49.2684,
12.3446

■ 34.6311, 50.4411,
15.9785

■ 37.4721, 51.8006,
20.8621

■ 40.7521, 53.3568,
27.0960

■ 44.4927, 55.1192,
34.7703

■ 48.7143, 57.0963,
43.9678

■ 53.4356, 59.2962,
54.7646

Harmonies

Analogous

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



39.6060, 46.7393, 3.3442



27.1083, 46.7393, 7.5928



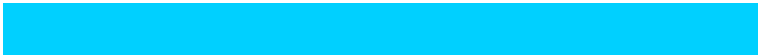
20.6473, 46.7393, 24.4356

Triad

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



27.1083, 46.7393, 7.5928



33.8338, 46.7393, 194.5019



84.4109, 46.7393, 37.8635

Complementary

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



27.1083, 46.7393, 7.5928



17.3291, 7.6468, 58.9578

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.



81.7425, 46.7393, 91.7176



27.1083, 46.7393, 7.5928



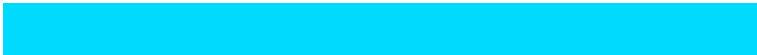
49.6184, 46.7393, 207.0712

Square

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



27.1083, 46.7393, 7.5928



23.7975, 46.7393, 133.6065



67.8831, 46.7393, 161.5318



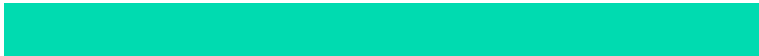
74.4567, 46.7393, 12.1569

Rectangle

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



27.1083, 46.7393, 7.5928



19.3874, 46.7393, 49.2098



67.8831, 46.7393, 161.5318



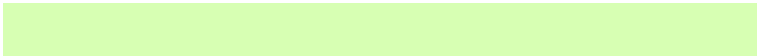
85.0042, 46.7393, 52.6103

Sweetspot

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



27.1094, 46.7413, 7.5938



71.8376, 89.1846, 55.8113



30.6551, 23.5228, 2.9253



14.8052, 18.8206, 10.7555



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.



27.1094, 46.7413, 7.5938



43.6862, 75.6061, 12.2909



22.0915, 44.1523, 7.4572



11.5671, 12.7943, 11.9393



16.8020, 28.8370, 4.6806



0.9542, 1.5327, 0.2456

Inverse Universe

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



17.3291, 7.6468, 58.9578



27.8350, 12.2643, 95.5079



36.1834, 17.4143, 57.6865



11.1537, 11.1285, 14.1305



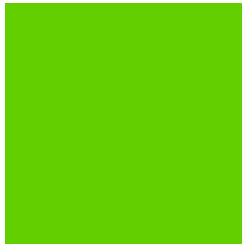
10.7821, 4.7659, 36.3079



0.6435, 0.2909, 1.8772

Previews

White Background



This preview shows how the XYZ color 27.1083, 46.7393, 7.5928 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 27.1083, 46.7393, 7.5928 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 27.1083, 46.7393, 7.5928

Background



This preview shows how black text looks on a background with the XYZ color 27.1083, 46.7393, 7.5928.



This preview shows how white text looks on a background with the XYZ color 27.1083, 46.7393,

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

27.1083, 46.7393, 7.5928

Protanopia

41.4257, 45.8851, 6.6733

Deuteranopia

46.6594, 45.6239, 8.5376



Tritanopia

38.6457, 46.2786, 65.9273

Trichromacy



Original Color

27.1083, 46.7393, 7.5928



Protanomaly

33.9305, 44.8262, 6.8640



Deuteranomaly

36.1607, 44.0634, 7.6361



Tritanomaly

31.1072, 44.8588, 28.8489

Monochromacy



Original Color

27.1083, 46.7393, 7.5928



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

25.8004, 34.4010, 16.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1083, 46.7393, 7.5928 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(98, 206, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 206, 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(98, 206, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 206, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.1083, 46.7393, 7.5928 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(98, 206, 0) }
```


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

```
.border{ border-color:rgb(98, 206, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 206, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 206, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 206, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 206, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.1083, 46.7393, 7.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 206, 0) }
```

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

```
.background{ background-color: rgb(98, 206,  
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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