

Converting Colors

XYZ(27.9185, 45.3727, 8.4488)

Have a look what the booklet for
XYZ(27.9185, 45.3727, 8.4488)
contains.

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Color

**XYZ(27.9185, 45.3727,
8.4488)**

Conversions

Conversions Part 1

Format	Color
Hex	71C91D
RGB	113, 201, 29
RGB Percent	44%, 79%, 11%
CMY	0.5569, 0.2117, 0.8862
CMYK	0.44, 0.00, 0.86, 0.21
HSL	91°, 75%, 45%
HSV	91°, 86%, 79%
XYZ	27.9185, 45.3727, 8.4488
YIQ	155.0800, 2.7640, -72.1480

Conversions

Conversions Part 2

Format	Color
RYB	29, 201, 117
Decimal	7457053
CIELab	73.14, -51.84, 68.38
CIELCh	73, 85.808, 127.167
Yxy	45.3727, 0.3416, 0.5551
Android (android.graphics.Color)	4285647133 (0xFF71C91D)
YUV	155.0800, -62.1574, -36.9042
Hunter-Lab	67.3593, -43.8955, 39.7148

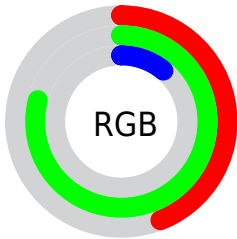
Details

The XYZ color **27.9185, 45.3727, 8.4488** 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 **18.3209, 8.8795, 56.0091**, and the grayscale version is **31.4586, 33.0969, 36.0425**.

A 20% lighter version of the original color is **54.7490, 81.0810, 23.1205**, and **11.6441, 21.2616, 3.4902** is the 20% darker color. If you saturate the color by 10%, you get **26.4973, 44.6615, 7.4799**, and if you desaturate by 10%, it is **29.6535, 46.2299, 10.2784**.

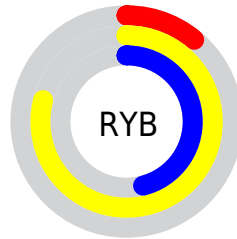
Distribution



Red (44%)

Green (79%)

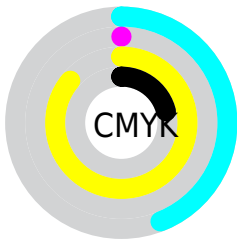
Blue (11%)



Red (11%)

Yellow (79%)

Blue (46%)

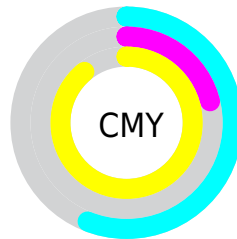


Cyan (44%)

Magenta (0%)

Yellow (86%)

Black (21%)



Cyan (56%)


Magenta (21%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9185, 45.3727, 8.4488 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 27.9185, 45.3727, 8.4488 by changing the saturation by 10% instead.


 27.9185, 45.3727,
8.4488


 27.9185, 45.3727,
8.4488


284.1644,
368.2809, 189.2751


 18.4044, 31.7511,
4.2916


 55.7639, 83.2794,
23.3942

 11.3421, 21.1714,
1.7866


 74.8258, 108.3333,
35.0195


 6.3664, 13.2494,
0.4191


 97.8010, 137.9667,
49.9712

 3.1119, 7.6005,
0.0000

 125.0550,
172.5641, 68.6679

 1.2132, 3.8404,
0.0000

 156.9529,
212.5098, 91.5281

 0.1168, 1.5847,
0.0000

 193.8602,

 0.0000, 0.3472,

258.1883, 118.9703

0.0000

236.1423,
309.9838, 151.4131

■ 0.0000, 0.0000,
0.0000

■ 27.9185, 45.3727,
8.4488

■ 27.9185, 45.3727,
8.4488

■ 26.4973, 44.6615,
7.4799

■ 29.6535, 46.2299,
10.2784

■ 25.9414, 44.3805,
7.1990

■ 31.7314, 47.2405,
13.1107

■ 34.1801, 48.4179,
17.0642

■ 37.0231, 49.7719,
22.2404

■ 40.2818, 51.3116,
28.7292

■ 43.9755, 53.0451,
36.6123

■ 48.1223, 54.9802,
45.9644

■ 52.7393, 57.1240,
56.8553

■ 57.8424, 59.4835,
69.3500

Harmonies

Analogous

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



39.6200, 45.3727, 4.3835



27.9185, 45.3727, 8.4488



21.6005, 45.3727, 23.7465

Triad

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



27.9185, 45.3727, 8.4488



32.8566, 45.3727, 171.6485



78.6161, 45.3727, 39.7815

Complementary

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



27.9185, 45.3727, 8.4488



18.3209, 8.8795, 56.0091

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.



75.6132, 45.3727, 88.9747



27.9185, 45.3727, 8.4488



46.8316, 45.3727, 185.3920

Square

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



27.9185, 45.3727, 8.4488



23.9548, 45.3727, 118.1563



63.0429, 45.3727, 149.0377



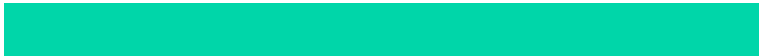
70.4918, 45.3727, 14.3772

Rectangle

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



27.9185, 45.3727, 8.4488



20.2250, 45.3727, 45.4248



63.0429, 45.3727, 149.0377



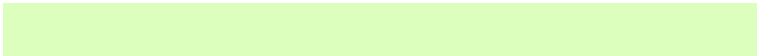
78.9006, 45.3727, 53.6072

Sweetspot

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



27.9195, 45.3747, 8.4498



74.7547, 90.5652, 61.5144



30.4420, 24.7700, 4.3397



15.5112, 19.1553, 12.1069



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.



27.9195, 45.3747, 8.4498



44.1480, 75.8442, 12.3126



21.6165, 42.1253, 8.1548



10.9823, 12.1378, 11.3268



16.4153, 27.9577, 4.5312



0.8608, 1.3669, 0.2185

Inverse Universe

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



18.3209, 8.8795, 56.0091



27.3292, 12.0036, 95.4843



35.0712, 17.5146, 56.7930



10.5655, 10.5498, 13.3969



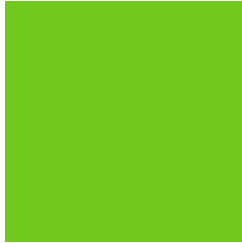
10.2408, 4.5136, 35.0758



0.5683, 0.2567, 1.6647

Previews

White Background



This preview shows how the XYZ color 27.9185, 45.3727, 8.4488 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 27.9185, 45.3727, 8.4488 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 27.9185, 45.3727, 8.4488

Background



This preview shows how black text looks on a background with the XYZ color 27.9185, 45.3727, 8.4488.



This preview shows how white text looks on a background with the XYZ color 27.9185, 45.3727,

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

27.9185, 45.3727, 8.4488

Protanopia

40.3523, 44.7156, 7.2632

Deuteranopia

45.4619, 44.4366, 8.9773



Tritanopia

38.7475, 45.1233, 62.5446

Trichromacy



Original Color

27.9185, 45.3727, 8.4488



Protanomaly

34.3080, 44.0459, 7.6132



Deuteranomaly

36.6913, 43.3982, 8.5407



Tritanomaly

32.4119, 44.1525, 31.2401

Monochromacy



Original Color

27.9185, 45.3727, 8.4488



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

28.3281, 36.1846, 19.9593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9185, 45.3727, 8.4488 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(113, 201, 29)` looks like.

```
.text, #text, p{  
    color:rgb(113, 201, 29)  
}
```

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(113, 201, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 201, 29) }
```

Border

The CSS property to change the border of an element to XYZ 27.9185, 45.3727, 8.4488 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(113, 201, 29) }
```


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

```
.border{ border-color:rgb(113, 201, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 201, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 201, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 201, 29);  
box-shadow:4px 4px 4px 4px rgb(113, 201,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9185, 45.3727, 8.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 201, 29) }
```

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

```
.background{ background-color: rgb(113,  
201, 29) }
```

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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