

Converting Colors

XYZ(28.7479, 50.1151, 9.3863)

Have a look what the booklet for
XYZ(28.7479, 50.1151, 9.3863)
contains.

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Color

**XYZ(28.7479, 50.1151,
9.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD51E
RGB	95, 213, 30
RGB Percent	37%, 84%, 12%
CMY	0.6275, 0.1647, 0.8823
CMYK	0.55, 0.00, 0.86, 0.16
HSL	99°, 75%, 48%
HSV	99°, 86%, 84%
XYZ	28.7479, 50.1151, 9.3863
YIQ	156.8560, -11.5850, -81.9290

Conversions

Conversions Part 2

Format	Color
R_{YB}	30, 213, 148
Decimal	6280478
CIE Lab	76.14, -61.53, 70.51
CIE LCh	76, 93.580, 131.107
Yxy	50.1151, 0.3258, 0.5679
Android (android.graphics.Color)	4284470558 (0xFF5FD51E)
YUV	156.8560, -62.5400, -54.2477
Hunter-Lab	70.7920, -51.3990, 41.6932

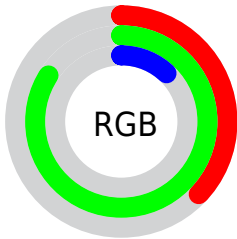
Details

The XYZ color **28.7479, 50.1151, 9.3863** is a dark color, and the websafe version is hex **66CC00**.

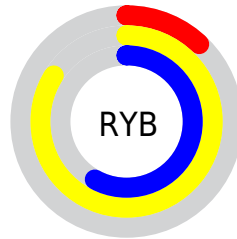
The color can be described as dark washed green. A complement of this color would be **24.6908, 12.0308, 63.9743**, and the grayscale version is **32.2608, 33.9409, 36.9616**.

A 20% lighter version of the original color is **51.7302, 79.5143, 23.4478**, and **12.1446, 24.1591, 4.0231** is the 20% darker color. If you saturate the color by 10%, you get **27.2590, 49.3707, 8.3429**, and if you desaturate by 10%, it is **30.6739, 51.0668, 11.4083**.

Distribution



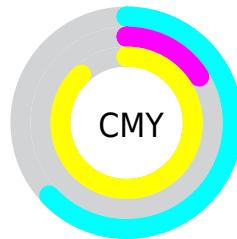
- Red (37%)
- Green (84%)
- Blue (12%)



- Red (12%)
- Yellow (84%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (86%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7479, 50.1151, 9.3863 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 28.7479, 50.1151, 9.3863 by changing the saturation by 10% instead.

■ 28.7479, 50.1151,
9.3863

■ 28.7479, 50.1151,
9.3863

288.0393,
387.1159, 196.5570

■ 19.0335, 35.5049,
4.8938

■ 57.0766, 90.3454,
25.2241

■ 11.7986, 24.0520,
2.1274

■ 76.4217, 116.7342,
37.4065

■ 6.6779, 15.3722,
0.6320

■ 99.7077, 147.8181,
52.9892

■ 3.3060, 9.0810,
0.0000

■ 127.3000,
183.9813, 72.3908

■ 1.3176, 4.7941,
0.0000

■ 159.5640,
225.6083, 96.0299

■ 0.1963, 2.1270,
0.0000

■ 196.8650,

■ 0.0000, 0.6797,

273.0834, 124.3249

0.0000

239.5683,
326.7912, 157.6944

■ 0.0000, 0.0000,
0.0000

■ 28.7479, 50.1151,
9.3863

■ 28.7479, 50.1151,
9.3863

■ 27.2590, 49.3707,
8.3429

■ 30.6739, 51.0668,
11.4083

■ 26.7478, 49.1126,
8.0699

■ 33.0780, 52.2385,
14.5757

■ 35.9987, 53.6487,
19.0270

■ 39.4692, 55.3119,
24.8800

■ 43.5193, 57.2411,
32.2392

■ 48.1767, 59.4486,
41.1993

■ 53.4671, 61.9456,
51.8470

■ 59.4144, 64.7430,
64.2631

■ 66.0415, 67.8506,
78.5228

Harmonies

Analogous

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



41.4366, 50.1151, 4.0998



28.7479, 50.1151, 9.3863



22.3503, 50.1151, 28.9192

Triad

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



28.7479, 50.1151, 9.3863



37.5408, 50.1151, 206.0969



88.9012, 50.1151, 38.0189

Complementary

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



28.7479, 50.1151, 9.3863



24.6908, 12.0308, 63.9743

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.



87.1193, 50.1151, 92.1263



28.7479, 50.1151, 9.3863



54.4180, 50.1151, 214.4264

Square

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



28.7479, 50.1151, 9.3863



26.5002, 50.1151, 145.6905



73.3768, 50.1151, 164.2475



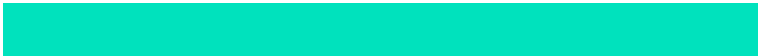
77.7743, 50.1151, 12.5514

Rectangle

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



28.7479, 50.1151, 9.3863



21.2764, 50.1151, 56.4507



73.3768, 50.1151, 164.2475



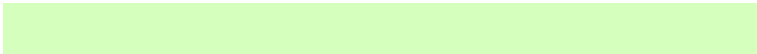
89.8510, 50.1151, 52.7254

Sweetspot

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



28.7491, 50.1172, 9.3874



72.1351, 89.2147, 61.3918



37.9407, 34.7695, 5.9405



14.8954, 18.8379, 12.0781



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.



28.7491, 50.1172, 9.3874



40.0313, 73.7219, 12.1199



25.0066, 48.1370, 11.5141



12.6744, 14.1084, 13.2159



16.4392, 30.0510, 4.9340



1.0802, 1.8582, 0.3017

Inverse Universe

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



24.6908, 12.0308, 63.9743



33.4505, 15.1593, 95.7707



37.0488, 18.7328, 49.5827



12.5052, 12.4019, 15.6722



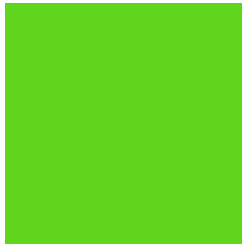
13.7884, 6.2607, 38.9349



0.9201, 0.4232, 2.3525

Previews

White Background



This preview shows how the XYZ color 28.7479, 50.1151, 9.3863 looks on a white background.

Color Contrast Check

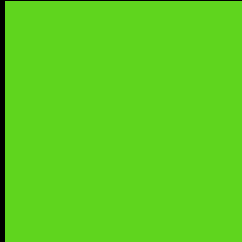
Large Text (above 18pt) WCAG AA × Fail

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 28.7479, 50.1151, 9.3863 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 28.7479, 50.1151, 9.3863

Background



This preview shows how black text looks on a background with the XYZ color 28.7479, 50.1151, 9.3863.



This preview shows how white text looks on a background with the XYZ color 28.7479, 50.1151,

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

28.7479, 50.1151, 9.3863

Protanopia

44.4935, 49.3002, 7.9299

Deuteranopia

50.2737, 49.1846, 10.0927



Tritanopia

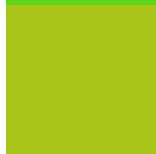
40.9359, 49.6788, 71.0498

Trichromacy



Original Color

28.7479, 50.1151, 9.3863



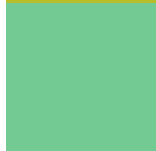
Protanomaly

36.0638, 47.8749, 8.2597



Deuteranomaly

38.3965, 47.0760, 9.4457



Tritanomaly

33.6926, 48.4633, 35.1823

Monochromacy



Original Color

28.7479, 50.1151, 9.3863



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

28.4229, 37.6603, 20.8100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7479, 50.1151, 9.3863 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(95, 213, 30)` looks like.

```
.text, #text, p{  
    color:rgb(95, 213, 30)  
}
```

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(95, 213, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 213, 30) }
```

Border

The CSS property to change the border of an element to XYZ 28.7479, 50.1151, 9.3863 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(95, 213, 30) }
```


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

```
.border{ border-color:rgb(95, 213, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 213, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 213, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 213, 30);  
box-shadow:4px 4px 4px 4px rgb(95, 213,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7479, 50.1151, 9.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 213, 30) }
```

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

```
.background{ background-color: rgb(95, 213,  
30) }
```

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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