

Converting Colors

XYZ(28.6050, 54.2795, 10.6384)

Have a look what the booklet for
XYZ(28.6050, 54.2795, 10.6384)
contains.

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Color

**XYZ(28.6050, 54.2794,
10.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	38E024
RGB	56, 224, 36
RGB Percent	22%, 88%, 14%
CMY	0.7804, 0.1216, 0.8588
CMYK	0.75, 0.00, 0.84, 0.12
HSL	114°, 75%, 51%
HSV	114°, 84%, 88%
XYZ	28.6050, 54.2794, 10.6384
YIQ	152.3360, -39.7800, -94.0840

Conversions

Conversions Part 2

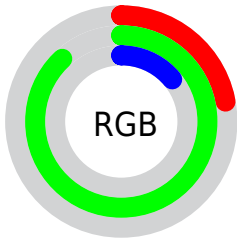
Format	Color
RYB	36, 224, 204
Decimal	3727396
CIELab	78.62, -72.79, 71.03
CIELCh	79, 101.705, 135.702
Yxy	54.2794, 0.3059, 0.5804
Android (android.graphics.Color)	4281917476 (0xFF38E024)
YUV	152.3360, -57.3536, -84.4867
Hunter-Lab	73.6746, -59.6258, 43.0109

Details

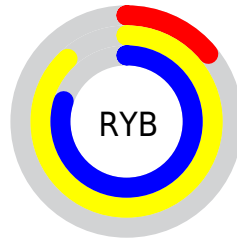
The XYZ color **28.6050, 54.2794, 10.6384** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **38.9918, 19.4837, 72.2295**, and the grayscale version is **30.2447, 31.8198, 34.6518**.

A 20% lighter version of the original color is **47.2662, 77.1859, 24.4638**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **27.4603, 53.7189, 9.3232**, and if you desaturate by 10%, it is **30.4130, 55.1604, 13.1021**.

Distribution



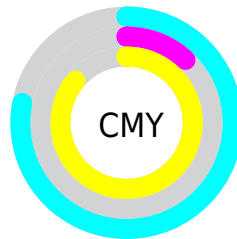
- Red (22%)
- Green (88%)
- Blue (14%)



- Red (14%)
- Yellow (88%)
- Blue (80%)



- Cyan (75%)
- Magenta (0%)
- Yellow (84%)
- Black (12%)





- Cyan (78%)
- Magenta (12%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6050, 54.2794, 10.6384 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 28.6050, 54.2794, 10.6384 by changing the saturation by 10% instead.


 28.6050, 54.2794,
10.6384


 28.6050, 54.2794,
10.6384


287.3746,
403.1746, 205.8173


 18.9250, 38.8251,
5.7131


 56.8508, 96.4844,
27.6159

 11.7198, 26.6237,
2.6055


 76.1474, 124.0038,
40.5052


 6.6240, 17.2908,
0.8953


 99.3801, 156.3137,
56.8863

 3.2723, 10.4420,
0.0000

 126.9144,
193.7985, 77.1777

 1.2994, 5.6930,
0.0000

 159.1157,
236.8426, 101.7980

 0.1827, 2.6593,
0.0000

 196.3492,

 0.0000, 0.9566,

285.8304, 131.1656

0.0000

238.9804,
341.1462, 165.6992

■ 0.0000, 0.0000,
0.0000

■ 28.6050, 54.2794,
10.6384

■ 28.6050, 54.2794,
10.6384

■ 27.4603, 53.7189,
9.3232

■ 30.4130, 55.1604,
13.1021

■ 27.0291, 53.5054,
8.9030

■ 32.9627, 56.3936,
16.8953

■ 36.3255, 58.0138,
22.1710

■ 40.5631, 60.0503,
29.0607

■ 45.7314, 62.5292,
37.6812

■ 51.8813, 65.4745,
48.1388

■ 59.0603, 68.9086,
60.5309

■ 67.3127, 72.8523,
74.9482

■ 76.6802, 77.3253,
91.4758

Harmonies

Analogous

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



41.8350, 54.2794, 3.7787



28.6050, 54.2794, 10.6384



22.5013, 54.2794, 35.7909

Triad

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



28.6050, 54.2794, 10.6384



42.6345, 54.2794, 243.9384



98.3773, 54.2794, 33.9505

Complementary

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



28.6050, 54.2794, 10.6384



38.9918, 19.4837, 72.2295

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.



98.7542, 54.2794, 90.8162



28.6050, 54.2794, 10.6384



62.7566, 54.2794, 242.1389

Square

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



28.6050, 54.2794, 10.6384



29.0588, 54.2794, 178.7558



84.4365, 54.2794, 174.7797



83.5111, 54.2794, 10.0394

Rectangle

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



28.6050, 54.2794, 10.6384



21.9285, 54.2794, 70.7772



84.4365, 54.2794, 174.7797



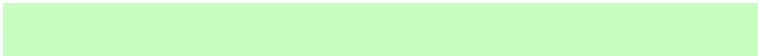
100.3109, 54.2794, 48.7853

Sweetspot

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



28.6063, 54.2817, 10.6396



68.4878, 87.3023, 62.6759



52.1976, 58.2499, 10.1622



14.0142, 18.3775, 12.3149



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.



28.6063, 54.2817, 10.6396



36.2151, 71.7546, 11.9413



30.0954, 54.7730, 23.1943



13.6634, 15.4066, 14.5604



15.7785, 31.1666, 5.1841



1.1399, 2.1841, 0.3615

Inverse Universe

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



38.9918, 19.4837, 72.2295



50.0082, 23.6951, 96.5456



37.0355, 19.3753, 31.4678



14.1439, 13.8577, 17.3170



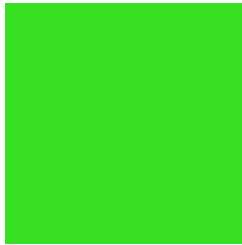
21.7831, 10.3249, 41.8932



1.5516, 0.7372, 2.9058

Previews

White Background



This preview shows how the XYZ color 28.6050, 54.2794, 10.6384 looks on a white background.

Color Contrast Check

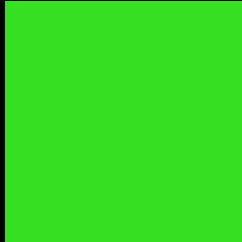
Large Text (above 18pt) WCAG AA × Fail

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 28.6050, 54.2794, 10.6384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

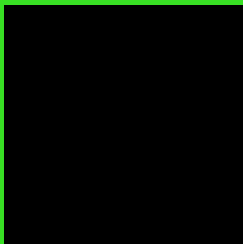
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

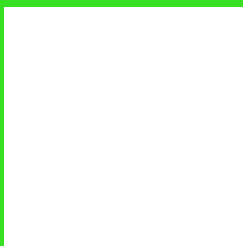
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6050, 54.2794, 10.6384

Background



This preview shows how black text looks on a background with the XYZ color 28.6050, 54.2794, 10.6384.



This preview shows how white text looks on a background with the XYZ color 28.6050, 54.2794,

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

28.6050, 54.2794, 10.6384

Protanopia

47.8831, 52.9708, 8.7376

Deuteranopia

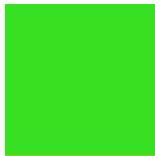
54.3409, 53.0600, 11.5152



Tritanopia

42.0903, 53.6122, 79.3640

Trichromacy



Original Color

28.6050, 54.2794, 10.6384



Protanomaly

35.9278, 50.5486, 9.0916



Deuteranomaly

38.2472, 49.6259, 10.6949



Tritanomaly

34.0718, 52.5681, 39.8034

Monochromacy



Original Color

28.6050, 54.2794, 10.6384



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

26.0710, 36.7485, 20.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6050, 54.2794, 10.6384 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(56, 224, 36)` looks like.

```
.text, #text, p{  
    color:rgb(56, 224, 36)  
}
```

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(56, 224, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 224, 36) }
```

Border

The CSS property to change the border of an element to XYZ 28.6050, 54.2794, 10.6384 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(56, 224, 36) }
```


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

```
.border{ border-color:rgb(56, 224, 36) }
```

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

Here you see how a box with a 4 pixel rgb(56, 224, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 224, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 224, 36);  
box-shadow:4px 4px 4px 4px rgb(56, 224,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6050, 54.2794, 10.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 224, 36) }
```

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

```
.background{ background-color: rgb(56, 224,  
36) }
```

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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