

Converting Colors

XYZ(28.4419, 54.1800, 11.4210)

Have a look what the booklet for
XYZ(28.4419, 54.1800, 11.4210)
contains.

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Color

**XYZ(28.4447, 54.1789,
11.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	32E02D
RGB	50, 224, 45
RGB Percent	20%, 88%, 18%
CMY	0.8039, 0.1216, 0.8235
CMYK	0.78, 0.00, 0.80, 0.12
HSL	118°, 74%, 53%
HSV	118°, 80%, 88%
XYZ	28.4447, 54.1789, 11.4410
YIQ	151.5680, -46.2450, -92.5570

Conversions

Conversions Part 2

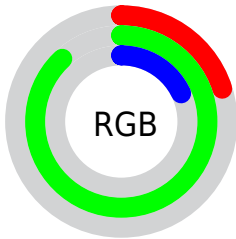
Format	Color
RYB	45, 224, 219
Decimal	3334189
CIELab	78.57, -73.17, 68.67
CIELCh	79, 100.343, 136.817
Yxy	54.1789, 0.3024, 0.5760
Android (android.graphics.Color)	4281524269 (0xFF32E02D)
YUV	151.5680, -52.5380, -89.0751
Hunter-Lab	73.6063, -59.8308, 42.3087

Details

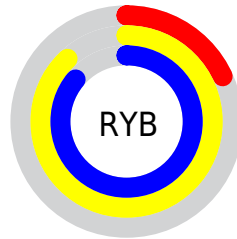
The XYZ color **28.4447, 54.1789, 11.4410** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **43.6110, 22.3214, 72.5338**, and the grayscale version is **29.8936, 31.4503, 34.2494**.

A 20% lighter version of the original color is **46.9657, 76.9962, 26.0221**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **27.2926, 53.6239, 9.7021**, and if you desaturate by 10%, it is **30.3380, 55.0928, 14.4097**.

Distribution



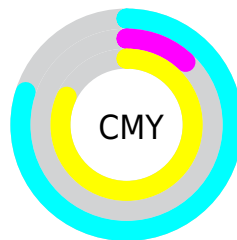
- Red (20%)
- Green (88%)
- Blue (18%)



- Red (18%)
- Yellow (88%)
- Blue (86%)



- Cyan (78%)
- Magenta (0%)
- Yellow (80%)
- Black (12%)




- Cyan (80%)
- Magenta (12%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4447, 54.1789, 11.4410 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 28.4447, 54.1789, 11.4410 by changing the saturation by 10% instead.


 28.4447, 54.1789,
11.4410


 28.4447, 54.1789,
11.4410


286.6275,
402.7918, 211.5135


 18.8033, 38.7447,
6.2464


 56.5973, 96.3369,
29.1218


 11.6314, 26.5612,
2.9243


 75.8393, 123.8294,
42.4451


 6.5636, 17.2439,
1.0561


 99.0122, 156.1103,
59.3151

 3.2346, 10.4086,
0.0000

 126.4813,
193.5637, 80.1502

 1.2790, 5.6707,
0.0000

 158.6120,
236.5742, 105.3691

 0.1674, 2.6459,
0.0000

 195.7697,

 0.0000, 0.9498,

285.5261, 135.3902

0.0000

238.3198,
340.8039, 170.6322

■ 0.0000, 0.0000,
0.0000

■ 28.4447, 54.1789,
11.4410

■ 28.4447, 54.1789,
11.4410

■ 27.2926, 53.6239,
9.7021

■ 30.3380, 55.0928,
14.4097

■ 26.7386, 53.3556,
8.8954


■ 33.0643, 56.4045,
18.7748


■ 26.7350, 53.3538,
8.8892

■ 36.7064, 58.1551,
24.6809


■ 41.3359, 60.3789,
32.2536

■ 47.0175, 63.1067,
41.6057

 53.8102, 66.3669,
52.8400

 61.7688, 70.1855,
66.0516

 70.9443, 74.5870,
81.3291

 81.3850, 79.5945,
98.7559

Harmonies

Analogous

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



41.2578, 54.1789, 4.0922



28.4447, 54.1789, 11.4410



22.6333, 54.1789, 37.4750

Triad

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



28.4447, 54.1789, 11.4410



43.2999, 54.1789, 241.2734



97.1516, 54.1789, 32.7584

Complementary

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



28.4447, 54.1789, 11.4410



43.6110, 22.3214, 72.5338

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.



98.1077, 54.1789, 87.4812



28.4447, 54.1789, 11.4410



63.3003, 54.1789, 236.7309

Square

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



28.4447, 54.1789, 11.4410



29.6081, 54.1789, 179.3803



84.5015, 54.1789, 169.3246



82.1514, 54.1789, 9.8815

Rectangle

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



28.4447, 54.1789, 11.4410



22.2120, 54.1789, 72.8868



84.5015, 54.1789, 169.3246



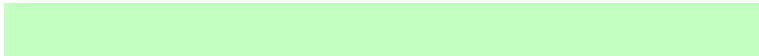
99.2391, 54.1789, 46.9851

Sweetspot

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



28.4460, 54.1812, 11.4422



68.1120, 87.0758, 64.1387



56.2967, 66.1998, 12.2941



13.8914, 18.3079, 12.5921



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.



28.4460, 54.1812, 11.4422



36.0475, 71.6618, 12.2251



31.6712, 55.4444, 29.6414



13.5639, 15.3554, 14.5558



15.5770, 31.0627, 5.1747



1.0924, 2.1596, 0.3593

Inverse Universe

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



43.6110, 22.3214, 72.5338



56.9336, 27.4296, 96.9014



36.4490, 19.6328, 26.8625



14.2553, 13.9151, 17.3222



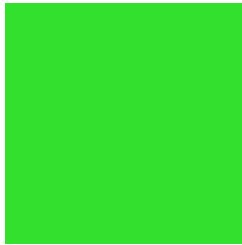
24.6355, 11.7954, 42.0267



1.7197, 0.8238, 2.9136

Previews

White Background



This preview shows how the XYZ color 28.4447, 54.1789, 11.4410 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 28.4447, 54.1789, 11.4410 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 28.4447, 54.1789, 11.4410

Background



This preview shows how black text looks on a background with the XYZ color 28.4447, 54.1789, 11.4410.



This preview shows how white text looks on a background with the XYZ color 28.4447, 54.1789,

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

28.4447, 54.1789, 11.4410

Protanopia

48.0192, 53.0252, 9.4543

Deuteranopia

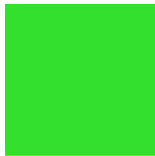
54.1632, 52.9494, 12.3666



Tritanopia

41.9846, 53.9207, 79.4291

Trichromacy



Original Color

28.4447, 54.1789, 11.4410



Protanomaly

35.6862, 50.4069, 9.8561



Deuteranomaly

37.9711, 49.4643, 11.5493



Tritanomaly

34.0479, 52.5160, 41.5998

Monochromacy



Original Color

28.4447, 54.1789, 11.4410



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

25.9713, 36.6779, 21.3335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4447, 54.1789, 11.4410 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(50, 224, 45)` looks like.

```
.text, #text, p{  
    color:rgb(50, 224, 45)  
}
```

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(50, 224, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 224, 45) }
```

Border

The CSS property to change the border of an element to XYZ 28.4447, 54.1789, 11.4410 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(50, 224, 45) }
```


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

```
.border{ border-color:rgb(50, 224, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 224, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 224, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 224, 45);  
box-shadow:4px 4px 4px 4px rgb(50, 224,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4447, 54.1789, 11.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 224, 45) }
```

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

```
.background{ background-color: rgb(50, 224,  
45) }
```

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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