

Converting Colors

XYZ(28.0482, 53.5824, 11.3817)

Have a look what the booklet for
XYZ(28.0482, 53.5824, 11.3817)
contains.

XYZ(28.0336, 53.5692, 11.3450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0336, 53.5692,
11.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	2FDF2D
RGB	47, 223, 45
RGB Percent	18%, 87%, 18%
CMY	0.8157, 0.1255, 0.8235
CMYK	0.79, 0.00, 0.80, 0.13
HSL	119°, 74%, 53%
HSV	119°, 80%, 87%
XYZ	28.0336, 53.5692, 11.3450
YIQ	150.0840, -47.7580, -92.6700

Conversions

Conversions Part 2

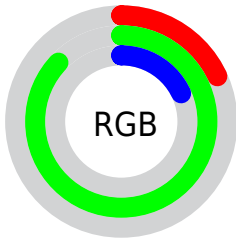
Format	Color
RYB	45, 223, 221
Decimal	3137325
CIELab	78.21, -73.25, 68.32
CIELCh	78, 100.166, 136.995
Yxy	53.5692, 0.3016, 0.5763
Android (android.graphics.Color)	4281327405 (0xFF2FDF2D)
YUV	150.0840, -51.8064, -90.4047
Hunter-Lab	73.1910, -59.7152, 42.0434

Details

The XYZ color **28.0336, 53.5692, 11.3450** 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 **44.0815, 22.5796, 71.8499**, and the grayscale version is **29.2540, 30.7775, 33.5167**.

A 20% lighter version of the original color is **46.6220, 76.8250, 25.7361**, and **13.6362, 27.2724, 4.5454** is the 20% darker color. If you saturate the color by 10%, you get **26.9402, 53.0443, 9.6140**, and if you desaturate by 10%, it is **29.8690, 54.4536, 14.2952**.

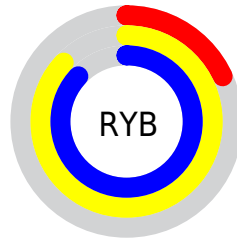
Distribution



Red (18%)

Green (87%)

Blue (18%)



Red (18%)

Yellow (87%)

Blue (87%)

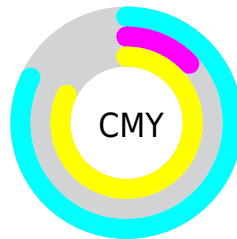


Cyan (79%)

Magenta (0%)

Yellow (80%)

Black (13%)



Cyan (82%)


Magenta (13%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0336, 53.5692, 11.3450 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 28.0336, 53.5692, 11.3450 by changing the saturation by 10% instead.


 28.0336, 53.5692,
11.3450


 28.0336, 53.5692,
11.3450


284.7046,
400.4651, 210.8411


 18.4916, 38.2574,
6.1823


 55.9463, 95.4414,
28.9427


 11.4053, 26.1825,
2.8857


 75.0478, 122.7706,
42.2148


 6.4094, 16.9602,
1.0366


 98.0664, 154.8743,
59.0272

 3.1386, 10.2061,
0.0000

 125.3675,
192.1370, 79.7983

 1.2275, 5.5358,
0.0000

 157.3166,
234.9430, 104.9467

 0.1279, 2.5650,
0.0000

 194.2789,

 0.0000, 0.9091,

283.6768, 134.8909

0.0000

236.6198,
338.7227, 170.0495

■ 0.0000, 0.0000,
0.0000

■ 28.0336, 53.5692,
11.3450

■ 28.0336, 53.5692,
11.3450

■ 26.9402, 53.0443,
9.6140

■ 29.8690, 54.4536,
14.2952

■ 26.4273, 52.7972,
8.8097


■ 32.5420, 55.7384,
18.6293


■ 26.4200, 52.7937,
8.7977


■ 36.1380, 57.4662,
24.4903


■ 40.7309, 59.6724,
32.0023

■ 46.3871, 62.3889,
41.2770

 53.1674, 65.6447,
52.4161

 61.1278, 69.4668,
65.5137

 70.3207, 73.8803,
80.6575

 80.7955, 78.9087,
97.9299

Harmonies

Analogous

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



40.6778, 53.5692, 4.0277



28.0336, 53.5692, 11.3450



22.3208, 53.5692, 37.2594

Triad

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



28.0336, 53.5692, 11.3450



42.8992, 53.5692, 239.2925



96.1166, 53.5692, 32.1307

Complementary

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



28.0336, 53.5692, 11.3450



44.0815, 22.5796, 71.8499

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.



97.1576, 53.5692, 86.1353



28.0336, 53.5692, 11.3450



62.7421, 53.5692, 234.3427

Square

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



28.0336, 53.5692, 11.3450



29.2985, 53.5692, 178.1763



83.7390, 53.5692, 167.2219



81.1804, 53.5692, 9.6531

Rectangle

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



28.0336, 53.5692, 11.3450



21.9273, 53.5692, 72.4815



83.7390, 53.5692, 167.2219



98.2166, 53.5692, 46.1481

Sweetspot

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



28.0349, 53.5714, 11.3462



67.8478, 86.9396, 64.1263



56.5096, 67.0843, 12.4537



13.8303, 18.2764, 12.5892



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.



28.0349, 53.5714, 11.3462



35.9809, 71.6274, 12.2220



31.5708, 54.9754, 30.4342



13.5429, 15.3445, 14.5548



15.5402, 31.0438, 5.1730



1.0822, 2.1544, 0.3588

Inverse Universe

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



44.0815, 22.5796, 71.8499



58.4007, 28.1859, 96.9701



35.8848, 19.3714, 25.5044



14.2791, 13.9274, 17.3234



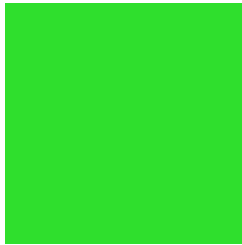
25.2831, 12.1292, 42.0570



1.7574, 0.8433, 2.9154

Previews

White Background



This preview shows how the XYZ color 28.0336, 53.5692, 11.3450 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 28.0336, 53.5692, 11.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

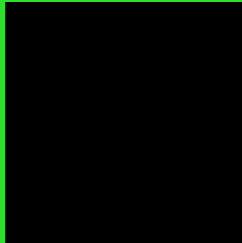
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0336, 53.5692, 11.3450

Background



This preview shows how black text looks on a background with the XYZ color 28.0336, 53.5692, 11.3450.

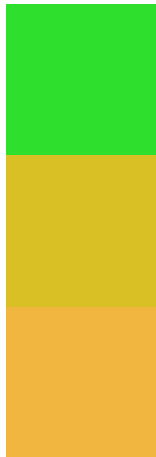


This preview shows how white text looks on a background with the XYZ color 28.0336, 53.5692,

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

28.0336, 53.5692, 11.3450

Protanopia

47.5025, 52.4318, 9.3670

Deuteranopia

53.5885, 52.3513, 12.1309



Tritanopia

41.6260, 53.3728, 79.3422

Trichromacy



Original Color

28.0336, 53.5692, 11.3450



Protanomaly

35.2565, 49.8336, 9.7681



Deuteranomaly

37.2823, 48.7740, 11.3202



Tritanomaly

33.6191, 51.9204, 41.5074

Monochromacy



Original Color

28.0336, 53.5692, 11.3450



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

25.4568, 36.1248, 20.9603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0336, 53.5692, 11.3450 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(47, 223, 45)` looks like.

```
.text, #text, p{  
    color:rgb(47, 223, 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(47, 223, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 223, 45) }
```

Border

The CSS property to change the border of an element to XYZ 28.0336, 53.5692, 11.3450 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(47, 223, 45) }
```


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

```
.border{ border-color:rgb(47, 223, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 223, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 223, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 223, 45);  
box-shadow:4px 4px 4px 4px rgb(47, 223,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0336, 53.5692, 11.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 223, 45) }
```

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

```
.background{ background-color: rgb(47, 223,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor