

Converting Colors

XYZ(29.0973, 53.3817, 8.8563)

Have a look what the booklet for
XYZ(29.0973, 53.3817, 8.8563)
contains.

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Color

**XYZ(29.0973, 53.3817,
8.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	4FDD03
RGB	79, 221, 3
RGB Percent	31%, 87%, 1%
CMY	0.6902, 0.1333, 0.9881
CMYK	0.64, 0.00, 0.99, 0.13
HSL	99°, 97%, 44%
HSV	99°, 99%, 87%
XYZ	29.0973, 53.3817, 8.8563
YIQ	153.6900, -14.6540, -97.9020

Conversions

Conversions Part 2

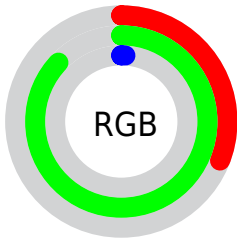
Format	Color
RYB	3, 221, 145
Decimal	5233923
CIELab	78.10, -68.62, 75.59
CIELCh	78, 102.088, 132.234
Yxy	53.3817, 0.3186, 0.5845
Android (android.graphics.Color)	4283424003 (0xFF4FDD03)
YUV	153.6900, -74.2902, -65.5031
Hunter-Lab	73.0628, -56.7721, 43.9571

Details

The XYZ color **29.0973, 53.3817, 8.8563** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **24.7677, 11.3093, 69.2870**, and the grayscale version is **30.9018, 32.5111, 35.4046**.

A 20% lighter version of the original color is **49.1168, 78.2116, 21.3117**, and **13.2755, 26.5509, 4.4252** is the 20% darker color. If you saturate the color by 10%, you get **28.9202, 53.2939, 8.7625**, and if you desaturate by 10%, it is **30.5889, 54.1338, 9.7637**.

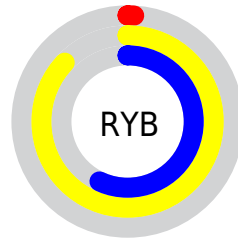
Distribution



Red (31%)

Green (87%)

Blue (1%)



Red (1%)

Yellow (87%)

Blue (57%)

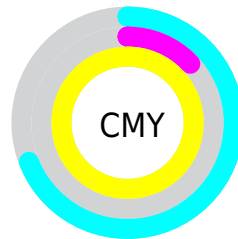


Cyan (64%)

Magenta (0%)

Yellow (99%)

Black (13%)



Cyan (69%)


Magenta (13%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0973, 53.3817, 8.8563 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 29.0973, 53.3817, 8.8563 by changing the saturation by 10% instead.


 29.0973, 53.3817,
8.8563


 29.0973, 53.3817,
8.8563


289.6597,
399.7478, 192.4807


 19.2991, 38.1076,
4.5520


 57.6281, 95.1658,
24.1941


 11.9919, 26.0662,
1.9328


 77.0915, 122.4446,
36.0647

 6.8103, 16.8732,
0.5135


 100.5072,
154.4936, 51.2946

 3.3890, 10.1441,
0.0000

 128.2407,
191.6975, 70.3021

 1.3627, 5.4946,
0.0000

 160.6574,
234.4404, 93.5060

 0.2294, 2.5403,
0.0000

 198.1225,

 0.0000, 0.8967,

283.1068, 121.3247

0.0000

241.0015,
338.0812, 154.1767

■ 0.0000, 0.0000,
0.0000

■ 29.0973, 53.3817,
8.8563

■ 29.0973, 53.3817,
8.8563

■ 28.9202, 53.2939,
8.7625

■ 30.5889, 54.1338,
9.7637

■ 32.5347, 55.0975,
11.6339

■ 34.9954, 56.3005,
14.7069

■ 38.0141, 57.7617,
19.1410

■ 41.6286, 59.4976,
25.0704

■ 45.8729, 61.5231,
32.6131

■ 50.7783, 63.8519,
41.8756

■ 56.3737, 66.4970,
52.9549

■ 62.6862, 69.4703,
65.9410

Harmonies

Analogous

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



43.0445, 53.3817, 3.3184



29.0973, 53.3817, 8.8563



22.2998, 53.3817, 30.6615

Triad

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



29.0973, 53.3817, 8.8563



39.9228, 53.3817, 237.7295



98.1435, 53.3817, 37.8354

Complementary

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



29.0973, 53.3817, 8.8563



24.7677, 11.3093, 69.2870

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.



96.6654, 53.3817, 98.4411



29.0973, 53.3817, 8.8563



59.2969, 53.3817, 244.8076

Square

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



29.0973, 53.3817, 8.8563



27.3298, 53.3817, 167.4634



81.0913, 53.3817, 183.0854



84.7178, 53.3817, 11.1685

Rectangle

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



29.0973, 53.3817, 8.8563



21.2766, 53.3817, 62.5069



81.0913, 53.3817, 183.0854



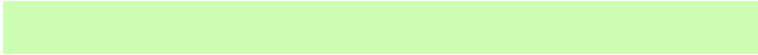
99.4548, 53.3817, 53.9502

Sweetspot

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



29.0985, 53.3840, 8.8575



69.0678, 87.7567, 55.6817



39.9183, 35.5427, 4.8435



14.1556, 18.4857, 10.7251



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.



29.0985, 53.3840, 8.8575



39.8677, 73.6376, 12.1122



26.2097, 51.8603, 10.2759



13.3124, 14.8258, 13.8856



16.9102, 31.0150, 5.0952



1.1867, 2.0563, 0.3344

Inverse Universe

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



24.7677, 11.3093, 69.2870



33.8023, 15.3406, 95.7872



38.9633, 19.0827, 49.3809



13.1510, 13.0360, 16.4752



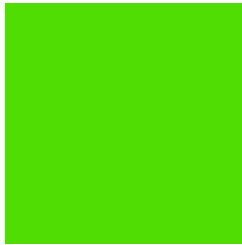
14.3872, 6.5411, 40.2427



1.0238, 0.4710, 2.6114

Previews

White Background



This preview shows how the XYZ color 29.0973, 53.3817, 8.8563 looks on a white background.

Color Contrast Check

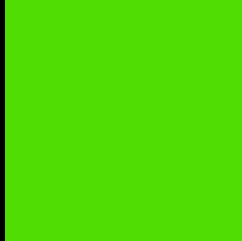
Large Text (above 18pt) WCAG AA × Fail

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 29.0973, 53.3817, 8.8563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

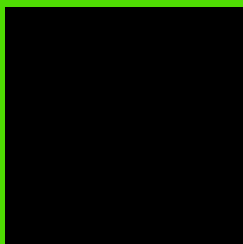
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0973, 53.3817, 8.8563

Background



This preview shows how black text looks on a background with the XYZ color 29.0973, 53.3817, 8.8563.



This preview shows how white text looks on a background with the XYZ color 29.0973, 53.3817,

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

29.0973, 53.3817, 8.8563

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

53.5167, 52.3619, 9.9755



Tritanopia

42.4874, 52.7881, 77.0570

Trichromacy



Original Color

29.0973, 53.3817, 8.8563



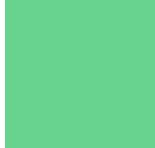
Protanomaly

37.0873, 50.8211, 7.8835



Deuteranomaly

39.2787, 49.5239, 8.7852



Tritanomaly

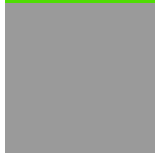
33.8857, 51.4846, 33.7427

Monochromacy



Original Color

29.0973, 53.3817, 8.8563



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

26.9249, 37.2537, 17.5760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0973, 53.3817, 8.8563 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(79, 221, 3)` looks like.

```
.text, #text, p{  
    color:rgb(79, 221, 3)  
}
```

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(79, 221, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 221, 3) }
```

Border

The CSS property to change the border of an element to XYZ 29.0973, 53.3817, 8.8563 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(79, 221, 3) }
```


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

```
.border{ border-color:rgb(79, 221, 3) }
```

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

Here you see how a box with a 4 pixel rgb(79, 221, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 221, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 221, 3);  
box-shadow:4px 4px 4px 4px rgb(79, 221, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 29.0973, 53.3817, 8.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 221, 3) }
```

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

```
.background{ background-color: rgb(79, 221,  
3) }
```

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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