

Converting Colors

XYZ(28.8171, 30.7565, 6.3794)

Have a look what the booklet for
XYZ(28.8171, 30.7565, 6.3794)
contains.

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Color

**XYZ(28.7929, 30.7553,
6.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9527
RGB	175, 149, 39
RGB Percent	69%, 58%, 15%
CMY	0.3137, 0.4157, 0.8470
CMYK	0.00, 0.15, 0.78, 0.31
HSL	49°, 64%, 42%
HSV	49°, 78%, 69%
XYZ	28.7929, 30.7553, 6.3383
YIQ	144.2340, 50.8060, -28.6980

Conversions

Conversions Part 2

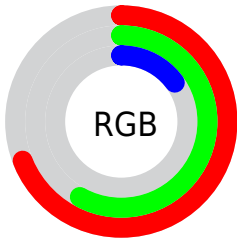
Format	Color
RYB	71, 175, 39
Decimal	11506983
CIELab	62.30, -1.70, 57.49
CIELCh	62, 57.514, 91.692
Yxy	30.7553, 0.4370, 0.4668
Android (android.graphics.Color)	4289697063 (0xFFAF9527)
YUV	144.2340, -51.8804, 26.9818
Hunter-Lab	55.4575, -4.3753, 32.0439

Details

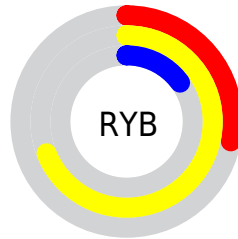
The XYZ color **28.7929, 30.7553, 6.3383** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.4650, 7.3071, 41.4162**, and the grayscale version is **26.7929, 28.1882, 30.6969**.

A 20% lighter version of the original color is **57.2634, 60.9946, 19.1110**, and **11.9331, 12.7752, 1.8369** is the 20% darker color. If you saturate the color by 10%, you get **28.0457, 29.6229, 4.9739**, and if you desaturate by 10%, it is **29.6904, 31.9746, 8.4132**.

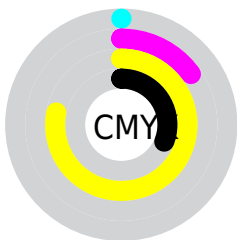
Distribution



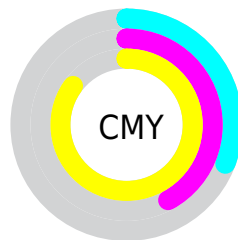
- Red (69%)
- Green (58%)
- Blue (15%)



- Red (28%)
- Yellow (69%)
- Blue (15%)



- Cyan (0%)
- Magenta (15%)
- Yellow (78%)
- Black (31%)





- Cyan (31%)
- Magenta (42%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7929, 30.7553, 6.3383 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 28.7929, 30.7553, 6.3383 by changing the saturation by 10% instead.


 28.7929, 30.7553,
6.3383


 28.7929, 30.7553,
6.3383


288.2484,
305.4094, 171.4631


 19.0677, 20.4126,
2.9798


 57.1477, 60.8546,
19.1188


 11.8235, 12.6953,
1.0843


 76.5081, 81.3800,
29.3778

 6.6950, 7.2191,
0.0000


 99.8108, 106.0684,
42.7741

 3.3167, 3.5995,
0.0000

 127.4214,
135.3042, 59.7262

 1.3234, 1.4521,
0.0000

 159.7050,
169.4718, 80.6525

 0.2006, 0.2547,
0.0000

 197.0272,

 0.0000, 0.0000,

208.9556, 105.9718

0.0000

239.7532,
254.1400, 136.1025

■ 28.7929, 30.7553,
6.3383

■ 28.7929, 30.7553,
6.3383

■ 28.0457, 29.6229,
4.9739

■ 29.6904, 31.9746,
8.4132

■ 27.4209, 28.5624,
4.1828

■ 30.7526, 33.2830,
11.2828

■ 27.2852, 28.3260,
4.0294

■ 31.9943, 34.6880,
15.0212

■ 33.4279, 36.1946,
19.6937

■ 35.0649, 37.8077,
25.3592

■ 36.9155, 39.5316,
32.0720

■ 38.9894, 41.3702,
39.8822

■ 41.2956, 43.3275,
48.8366

■ 43.8427, 45.4069,
58.9797

Harmonies

Analogous

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



36.9069, 30.7553, 8.1724



28.7929, 30.7553, 6.3383



22.0628, 30.7553, 8.6760

Triad

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



28.7929, 30.7553, 6.3383



18.2708, 30.7553, 61.3803



44.4620, 30.7553, 58.1597

Complementary

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



28.7929, 30.7553, 6.3383



10.4650, 7.3071, 41.4162

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.



37.8070, 30.7553, 84.7013



28.7929, 30.7553, 6.3383



22.7025, 30.7553, 87.0692

Square

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



28.7929, 30.7553, 6.3383



16.6941, 30.7553, 34.7671



29.6755, 30.7553, 97.0722



46.8588, 30.7553, 32.2393

Rectangle

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



28.7929, 30.7553, 6.3383



19.0035, 30.7553, 13.3461



29.6755, 30.7553, 97.0722



42.5967, 30.7553, 67.6415

Sweetspot

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



28.7936, 30.7568, 6.3389



64.1820, 69.0196, 50.3690



19.3942, 10.9610, 6.2793



14.0111, 15.1005, 10.2831



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7936, 30.7568, 6.3389



49.4422, 51.7334, 7.8654



25.5598, 35.8913, 7.5004



8.5306, 9.0660, 8.5137



19.5824, 20.3703, 2.8998



0.5778, 0.6327, 0.0917

Inverse Universe

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



10.4650, 7.3071, 41.4162



15.4954, 8.5032, 73.4615



11.7552, 6.2434, 41.1429



7.6982, 7.9958, 10.0903



5.9748, 3.0835, 29.3248



0.2018, 0.1569, 0.8276

Previews

White Background



This preview shows how the XYZ color 28.7929, 30.7553, 6.3383 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 28.7929, 30.7553, 6.3383 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 28.7929, 30.7553, 6.3383

Background



This preview shows how black text looks on a background with the XYZ color 28.7929, 30.7553, 6.3383.

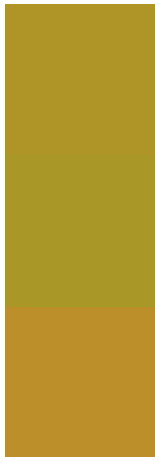


This preview shows how white text looks on a background with the XYZ color 28.7929, 30.7553,

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

28.7929, 30.7553, 6.3383

Protanopia

27.8118, 30.7214, 6.4715

Deuteranopia

31.2266, 30.6309, 6.4570



Tritanopia

34.2661, 30.7345, 32.9805

Trichromacy



Original Color

28.7929, 30.7553, 6.3383

Protanomaly

28.0839, 30.6238, 6.4383

Deuteranomaly

30.2928, 30.6012, 6.4078

Tritanomaly

31.4593, 30.4740, 18.9758

Monochromacy



Original Color

28.7929, 30.7553, 6.3383

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3980, 28.5669, 17.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7929, 30.7553, 6.3383 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(175, 149, 39)` looks like.

```
.text, #text, p{  
    color:rgb(175, 149, 39)  
}
```

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(175, 149, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 149, 39) }
```

Border

The CSS property to change the border of an element to XYZ 28.7929, 30.7553, 6.3383 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(175, 149, 39) }
```


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

```
.border{ border-color:rgb(175, 149, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 149, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 149, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 149, 39);  
box-shadow:4px 4px 4px 4px rgb(175, 149,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7929, 30.7553, 6.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 149, 39) }
```

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

```
.background{ background-color: rgb(175,  
149, 39) }
```

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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