

Converting Colors

XYZ(29.4898, 28.2950, 53.7770)

Have a look what the booklet for
XYZ(29.4898, 28.2950, 53.7770)
contains.

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Color

**XYZ(29.5205, 28.2588,
53.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8DC0
RGB	138, 141, 192
RGB Percent	54%, 55%, 75%
CMY	0.4588, 0.4470, 0.2471
CMYK	0.28, 0.27, 0.00, 0.25
HSL	237°, 30%, 65%
HSV	237°, 28%, 75%
XYZ	29.5205, 28.2588, 53.7678
YIQ	145.9170, -18.1590, 15.2250

Conversions

Conversions Part 2

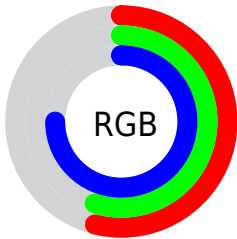
Format	Color
RYB	138, 141, 192
Decimal	9080256
CIELab	60.12, 10.50, -26.84
CIELCh	60, 28.818, 291.363
Yxy	28.2588, 0.2646, 0.2533
Android (android.graphics.Color)	4287270336 (0xFF8A8DC0)
YUV	145.9170, 22.7189, -6.9432
Hunter-Lab	53.1590, 6.0972, -22.7577

Details

The XYZ color **29.5205, 28.2588, 53.7678** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.5237, 49.4368, 31.2412**, and the grayscale version is **27.2036, 28.6203, 31.1675**.

A 20% lighter version of the original color is **58.3522, 57.0762, 97.5639**, and **12.1663, 11.2956, 25.5838** is the 20% darker color. If you saturate the color by 10%, you get **24.1620, 21.8474, 52.8132**, and if you desaturate by 10%, it is **35.8802, 35.8374, 54.8959**.

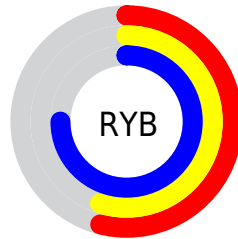
Distribution



Red (54%)

Green (55%)

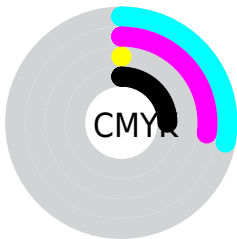
Blue (75%)



Red (54%)

Yellow (55%)

Blue (75%)

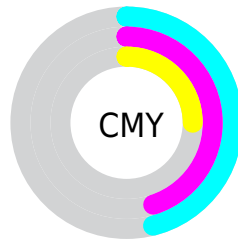


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5205, 28.2588, 53.7678 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 29.5205, 28.2588, 53.7678 by changing the saturation by 10% instead.

■ 29.5205, 28.2588,
53.7678

■ 29.5205, 28.2588,
53.7678

291.6131,
293.7015, 418.3735

■ 19.6212, 18.5208,
38.0241

■ 58.2949, 56.8974,
97.1862

■ 12.2266, 11.3246,
25.6994

■ 77.9007, 76.5668,
125.6980

■ 6.9715, 6.2856,
16.3752

■ 101.4727,
100.3154, 159.3029

■ 3.4905, 3.0195,
9.6328

129.3762,
128.5277, 198.4195

■ 1.4181, 1.1419,
5.0538

161.9767,
161.5881, 243.4664

■ 0.2691, 0.0135,
2.2196

199.6394,

■ 0.0000, 0.0000,

199.8809, 294.8619

0.6856

242.7297,
243.7906, 353.0248

■ 0.0000, 0.0000,
0.0000

■ 29.5205, 28.2588,
53.7678

■ 29.5205, 28.2588,
53.7678

■ 24.1620, 21.8474,
52.8132

■ 35.8802, 35.8374,
54.8959

■ 19.7509, 16.5421,
52.0217

■ 43.2855, 44.6336,
56.2035

■ 16.2330, 12.2812,
51.3846

■ 51.7816, 54.6991,
57.6985

■ 13.5471, 8.9957,
50.8920

■ 61.4100, 66.0813,
59.3880

■ 11.6245, 6.6083,
50.5325

■ 72.2104, 78.8254,
61.2786

■ 10.3854, 5.0297,
50.2932

■ 84.2204, 92.9745,
63.3767

■ 9.7176, 4.1451,
50.1576

■ 86.5145, 96.5858,
63.9528

■ 9.6304, 4.0377,
50.1415

Harmonies

Analogous

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



25.8103, 28.2588, 55.4724



29.5205, 28.2588, 53.7678



32.7751, 28.2588, 45.2387

Triad

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



29.5205, 28.2588, 53.7678



31.5248, 28.2588, 17.4973



20.4523, 28.2588, 27.8244

Complementary

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



29.5205, 28.2588, 53.7678



44.5237, 49.4368, 31.2412

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.



21.7017, 28.2588, 19.7695



29.5205, 28.2588, 53.7678



27.9360, 28.2588, 14.7658

Square

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



29.5205, 28.2588, 53.7678



34.0038, 28.2588, 23.9606



24.3627, 28.2588, 15.4900



20.7927, 28.2588, 38.7585

Rectangle

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



29.5205, 28.2588, 53.7678



34.1387, 28.2588, 37.7114



24.3627, 28.2588, 15.4900



20.6958, 28.2588, 24.7356

Sweetspot

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



29.5214, 28.2599, 53.7685



78.4245, 80.8661, 101.8356



38.4518, 46.7513, 54.8012



16.3604, 16.7977, 21.7653



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.5214, 28.2599, 53.7685



47.0532, 43.5087, 96.2783



33.3823, 29.6023, 53.8241



9.5722, 9.8358, 12.6788



6.4991, 2.7547, 33.7458



0.2966, 0.1506, 1.4633

Inverse Universe

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



35.6352, 31.3073, 29.3652



60.0549, 50.0813, 44.3611



39.7142, 47.9257, 31.2030



10.0954, 10.0868, 10.5928



14.6764, 7.5603, 0.9421



0.6421, 0.3299, 0.0827

Previews

White Background



This preview shows how the XYZ color 29.5205, 28.2588, 53.7678 looks on a white background.

Color Contrast Check

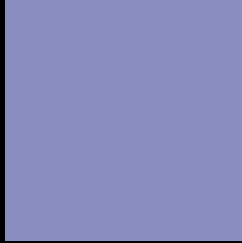
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5205, 28.2588, 53.7678 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 × Fail

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

XYZ 29.5205, 28.2588, 53.7678

Background



This preview shows how black text looks on a background with the XYZ color 29.5205, 28.2588, 53.7678.



This preview shows how white text looks on a background with the XYZ color 29.5205, 28.2588,

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

29.5205, 28.2588, 53.7678

Protanopia

28.8082, 28.3205, 54.4001

Deuteranopia

29.0098, 28.4372, 53.8291



Tritanopia

26.0518, 28.1959, 36.8702

Trichromacy



Original Color

29.5205, 28.2588, 53.7678

Protanomaly

29.1302, 28.2646, 54.3724

Deuteranomaly

29.1791, 28.3027, 53.7942

Tritanomaly

27.3076, 28.2594, 42.5434

Monochromacy



Original Color

29.5205, 28.2588, 53.7678

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9118, 28.4305, 38.6669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5205, 28.2588, 53.7678 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(138, 141, 192)` looks like.

```
.text, #text, p{  
    color:rgb(138, 141, 192)  
}
```

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(138, 141, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 141, 192) }
```

Border

The CSS property to change the border of an element to XYZ 29.5205, 28.2588, 53.7678 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(138, 141, 192) }
```


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

```
.border{ border-color:rgb(138, 141, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 141, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 141, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 141, 192);  
box-shadow:4px 4px 4px 4px rgb(138, 141,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5205, 28.2588, 53.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 141, 192) }
```

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

```
.background{ background-color: rgb(138,  
141, 192) }
```

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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