

Converting Colors

XYZ(28.7994, 29.4044, 53.5931)

Have a look what the booklet for
XYZ(28.7994, 29.4044, 53.5931)
contains.

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Color

**XYZ(28.8960, 29.5306,
53.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	8094BF
RGB	128, 148, 191
RGB Percent	50%, 58%, 75%
CMY	0.4980, 0.4196, 0.2510
CMYK	0.33, 0.23, 0.00, 0.25
HSL	221°, 33%, 63%
HSV	221°, 33%, 75%
XYZ	28.8960, 29.5306, 53.4672
YIQ	146.9220, -25.7230, 9.1330

Conversions

Conversions Part 2

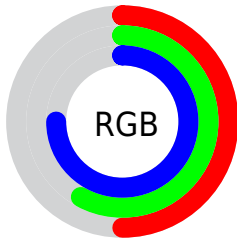
Format	Color
RYB	128, 143, 191
Decimal	8426687
CIELab	61.25, 3.24, -24.60
CIElCh	61, 24.816, 277.508
Yxy	29.5306, 0.2582, 0.2639
Android (android.graphics.Color)	4286616767 (0xFF8094BF)
YUV	146.9220, 21.7305, -16.5946
Hunter-Lab	54.3421, -0.1825, -20.2960

Details

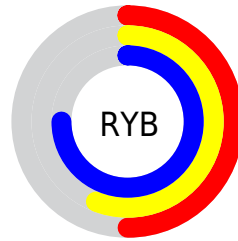
The XYZ color **28.8960, 29.5306, 53.4672** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.9457, 41.7614, 26.3785**, and the grayscale version is **27.6224, 29.0610, 31.6474**.

A 20% lighter version of the original color is **57.2004, 58.9015, 96.3500**, and **11.8635, 12.0780, 25.3729** is the 20% darker color. If you saturate the color by 10%, you get **24.3581, 24.3252, 52.7022**, and if you desaturate by 10%, it is **34.2069, 35.4777, 54.3357**.

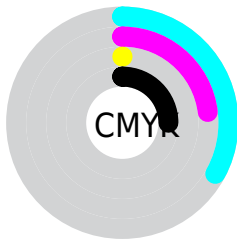
Distribution



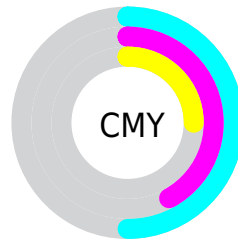
- Red (50%)
- Green (58%)
- Blue (75%)



- Red (50%)
- Yellow (56%)
- Blue (75%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8960, 29.5306, 53.4672 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 28.8960, 29.5306, 53.4672 by changing the saturation by 10% instead.

■ 28.8960, 29.5306,
53.4672

■ 28.8960, 29.5306,
53.4672

288.7270,
299.7103, 417.1920

■ 19.1460, 19.4826,
37.7856

■ 57.3105, 58.9191,
96.7400

■ 11.8805, 12.0195,
25.5158

■ 76.7058, 79.0283,
125.1683

■ 6.7340, 6.7570,
16.2392

■ 100.0469,
103.2600, 158.6825

■ 3.3411, 3.3106,
9.5374

127.6991,
131.9987, 197.7012

■ 1.3366, 1.2959,
4.9918

160.0279,
165.6286, 242.6430

■ 0.2104, 0.1381,
2.1838

197.3986,

■ 0.0000, 0.0000,

204.5343, 293.9264

0.6650

240.1765,
249.1000, 351.9699

■ 0.0000, 0.0000,
0.0000

■ 28.8960, 29.5306,
53.4672

■ 28.8960, 29.5306,
53.4672

■ 24.3581, 24.3252,
52.7022

■ 34.2069, 35.4777,
54.3357

■ 20.5523, 19.8273,
52.0345

■ 40.3233, 42.1920,
55.3093

■ 17.4381, 16.0046,
51.4608

■ 47.2791, 49.7019,
56.3923

■ 14.9697, 12.8209,
50.9764

■ 55.1054, 58.0335,
57.5879

■ 13.0950, 10.2359,
50.5763

■ 63.8317, 67.2114,
58.8995

■ 11.7527, 8.2036,
50.2547

■ 73.4862, 77.2591,
60.3301

■ 11.0535, 7.0604,
50.0709

■ 81.5862, 86.9058,
61.7652

■ 85.5470, 94.8275,
63.0855

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



25.7350, 29.5306, 51.7826



28.8960, 29.5306, 53.4672



32.0651, 29.5306, 48.6224

Triad

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



28.8960, 29.5306, 53.4672



33.3464, 29.5306, 22.4050



22.6597, 29.5306, 25.7566

Complementary

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



28.8960, 29.5306, 53.4672



39.9457, 41.7614, 26.3785

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.



24.4176, 29.5306, 19.8998



28.8960, 29.5306, 53.4672



30.5378, 29.5306, 18.2425

Square

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



28.8960, 29.5306, 53.4672



34.7609, 29.5306, 29.8620



27.2559, 29.5306, 17.4237



22.2945, 29.5306, 34.5600

Rectangle

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



28.8960, 29.5306, 53.4672



33.7010, 29.5306, 42.8072



27.2559, 29.5306, 17.4237



23.1004, 29.5306, 23.4331

Sweetspot

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



28.8970, 29.5318, 53.4679



75.5826, 79.2181, 99.5861



34.7894, 44.7538, 44.8358



16.2218, 16.9884, 21.8094



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.



28.8970, 29.5318, 53.4679



45.4146, 45.6412, 94.6952



27.6883, 24.6470, 52.5887



9.2571, 9.7065, 12.0578



7.3290, 4.7697, 32.9273



0.3475, 0.3077, 1.3099

Inverse Universe

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



34.5512, 28.6538, 31.7278



57.3556, 44.4345, 48.6377



41.4668, 48.5842, 27.6153



9.6516, 9.5849, 10.5544



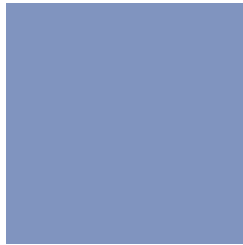
14.7001, 7.5112, 3.7143



0.6063, 0.3064, 0.3061

Previews

White Background



This preview shows how the XYZ color 28.8960, 29.5306, 53.4672 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 28.8960, 29.5306, 53.4672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

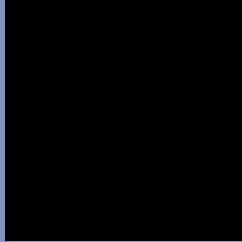
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

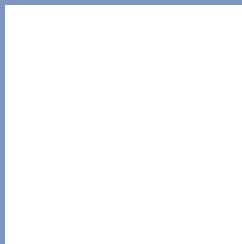
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8960, 29.5306, 53.4672

Background



This preview shows how black text looks on a background with the XYZ color 28.8960, 29.5306, 53.4672.



This preview shows how white text looks on a background with the XYZ color 28.8960, 29.5306,

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

28.8960, 29.5306, 53.4672

Protanopia

29.6175, 29.4661, 52.2706

Deuteranopia

30.1211, 29.4598, 53.9679



Tritanopia

26.2088, 29.6367, 39.9364

Trichromacy



Original Color

28.8960, 29.5306, 53.4672

Protanomaly

29.4008, 29.5717, 52.8735

Deuteranomaly

29.6248, 29.4319, 53.9887

Tritanomaly

27.0188, 29.4743, 44.3095

Monochromacy



Original Color

28.8960, 29.5306, 53.4672

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.8598, 29.0872, 38.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8960, 29.5306, 53.4672 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(128, 148, 191)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 191)  
}
```

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(128, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.8960, 29.5306, 53.4672 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(128, 148, 191) }
```


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

```
.border{ border-color:rgb(128, 148, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 148, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8960, 29.5306, 53.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 191) }
```

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

```
.background{ background-color: rgb(128,  
148, 191) }
```

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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