

Converting Colors

XYZ(29.7050, 28.7140, 54.0987)

Have a look what the booklet for
XYZ(29.7050, 28.7140, 54.0987)
contains.

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Color

**XYZ(29.6534, 28.7691,
53.8593)**

Conversions

Conversions Part 1

Format	Color
Hex	898FC0
RGB	137, 143, 192
RGB Percent	54%, 56%, 75%
CMY	0.4627, 0.4392, 0.2471
CMYK	0.29, 0.26, 0.00, 0.25
HSL	233°, 30%, 65%
HSV	233°, 29%, 75%
XYZ	29.6534, 28.7691, 53.8593
YIQ	146.7920, -19.3050, 13.9670

Conversions

Conversions Part 2

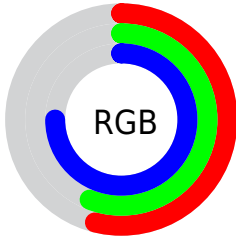
Format	Color
RYB	137, 142, 192
Decimal	9015232
CIELab	60.58, 9.04, -26.14
CIELCh	61, 27.662, 289.079
Yxy	28.7691, 0.2641, 0.2562
Android (android.graphics.Color)	4287205312 (0xFF898FC0)
YUV	146.7920, 22.2875, -8.5876
Hunter-Lab	53.6368, 4.8202, -21.9901

Details

The XYZ color **29.6534, 28.7691, 53.8593** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.8129, 48.1306, 30.6487**, and the grayscale version is **27.5647, 29.0002, 31.5812**.

A 20% lighter version of the original color is **58.5510, 57.8484, 97.7024**, and **12.2481, 11.5950, 25.6373** is the 20% darker color. If you saturate the color by 10%, you get **24.4067, 22.5392, 52.9338**, and if you desaturate by 10%, it is **35.8536, 36.0731, 54.9428**.

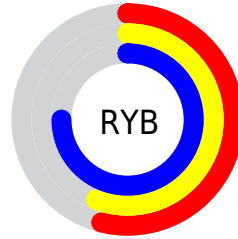
Distribution



Red (54%)

Green (56%)

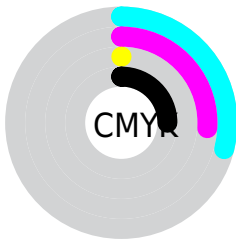
Blue (75%)



Red (54%)

Yellow (56%)

Blue (75%)

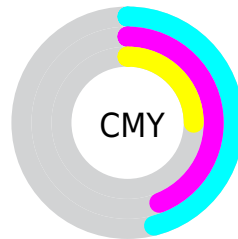


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6534, 28.7691, 53.8593 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 29.6534, 28.7691, 53.8593 by changing the saturation by 10% instead.

■ 29.6534, 28.7691,
53.8593

■ 29.6534, 28.7691,
53.8593

292.2244,
296.1239, 418.7327

■ 19.7224, 18.9062,
38.0968

■ 58.5040, 57.7100,
97.3219

■ 12.3005, 11.6025,
25.7554

■ 78.1544, 77.5569,
125.8591

■ 7.0223, 6.4736,
16.4166

■ 101.7752,
101.5005, 159.4917

■ 3.5225, 3.1352,
9.6619

129.7319,
129.9253, 198.6380

■ 1.4357, 1.2027,
5.0727

162.3898,
163.2156, 243.7167

■ 0.2815, 0.0639,
2.2305

200.1143,

■ 0.0000, 0.0000,

201.7559, 295.1464

0.6919

243.2707,
245.9305, 353.3455

■ 0.0000, 0.0000,
0.0000

■ 29.6534, 28.7691,
53.8593

■ 29.6534, 28.7691,
53.8593

■ 24.4067, 22.5392,
52.9338

■ 35.8536, 36.0731,
54.9428

■ 20.0633, 17.3292,
52.1571

■ 43.0485, 44.4951,
56.1892

■ 16.5727, 13.0857,
51.5220

■ 51.2804, 54.0806,
57.6055

■ 13.8781, 9.7485,
51.0199

■ 60.5882, 64.8716,
59.1978

■ 11.9159, 7.2509,
50.6412

■ 71.0088, 76.9082,
60.9719

■ 10.6125, 5.5169,
50.3752

■ 82.5774, 90.2283,
62.9332

■ 9.8588, 4.4461,
50.2083

■ 86.5145, 96.5858,
63.9528

■ 9.7818, 4.3403,
50.1919

Harmonies

Analogous

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



26.0623, 28.7691, 54.9064



29.6534, 28.7691, 53.8593



32.8747, 28.7691, 46.0720

Triad

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



29.6534, 28.7691, 53.8593



32.0990, 28.7691, 18.6786



21.1342, 28.7691, 27.7405

Complementary

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



29.6534, 28.7691, 53.8593



43.8129, 48.1306, 30.6487

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.



22.4716, 28.7691, 20.1170



29.6534, 28.7691, 53.8593



28.6674, 28.7691, 15.6968

Square

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



29.6534, 28.7691, 53.8593



34.3694, 28.7691, 25.3197



25.1580, 28.7691, 16.1586



21.3481, 28.7691, 38.2110

Rectangle

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



29.6534, 28.7691, 53.8593



34.2814, 28.7691, 38.8943



25.1580, 28.7691, 16.1586



21.4122, 28.7691, 24.8070

Sweetspot

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



29.6544, 28.7702, 53.8600



77.3061, 79.8108, 101.6908



37.9855, 46.5457, 53.2052



16.1522, 16.6168, 21.7413



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.



29.6544, 28.7702, 53.8600



47.9186, 45.2394, 96.5668



32.5778, 28.9755, 53.7455



9.6148, 9.9210, 12.6930



6.6109, 2.9784, 33.7831



0.3159, 0.1892, 1.4697

Inverse Universe

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



35.6426, 31.0818, 30.1087



60.4917, 50.2560, 46.6612



40.1421, 48.1546, 30.8468



10.1169, 10.0954, 10.7061



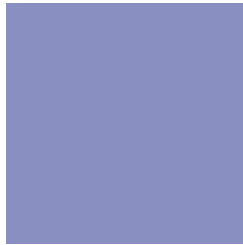
14.7329, 7.5829, 1.2394



0.6518, 0.3337, 0.1339

Previews

White Background



This preview shows how the XYZ color 29.6534, 28.7691, 53.8593 looks on a white background.

Color Contrast Check

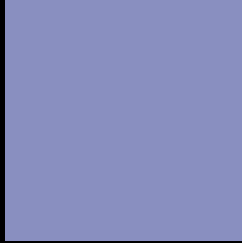
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6534, 28.7691, 53.8593 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 29.6534, 28.7691, 53.8593

Background



This preview shows how black text looks on a background with the XYZ color 29.6534, 28.7691, 53.8593.



This preview shows how white text looks on a background with the XYZ color 29.6534, 28.7691,

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

29.6534, 28.7691, 53.8593

Protanopia

29.2718, 28.7833, 54.4650

Deuteranopia

29.4794, 28.9032, 53.8943



Tritanopia

26.5405, 28.8934, 37.8964

Trichromacy



Original Color

29.6534, 28.7691, 53.8593

Protanomaly

29.4304, 28.8651, 54.4724

Deuteranomaly

29.6410, 28.9865, 53.9019

Tritanomaly

27.5530, 28.8325, 43.1428

Monochromacy



Original Color

29.6534, 28.7691, 53.8593

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2174, 29.0418, 38.7687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6534, 28.7691, 53.8593 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(137, 143, 192)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 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(137, 143, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 192) }
```

Border

The CSS property to change the border of an element to XYZ 29.6534, 28.7691, 53.8593 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(137, 143, 192) }
```


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

```
.border{ border-color:rgb(137, 143, 192) }
```

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

Here you see how a box with a 4 pixel rgb(137, 143, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 192);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6534, 28.7691, 53.8593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 192) }
```

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

```
.background{ background-color: rgb(137,  
143, 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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