

Converting Colors

XYZ(28.3005, 31.8034, 58.6799)

Have a look what the booklet for
XYZ(28.3005, 31.8034, 58.6799)
contains.

XYZ(28.3005, 31.8034, 58.6799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3005, 31.8034,
58.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	679FC7
RGB	103, 159, 199
RGB Percent	40%, 62%, 78%
CMY	0.5961, 0.3765, 0.2196
CMYK	0.48, 0.20, 0.00, 0.22
HSL	205°, 46%, 59%
HSV	205°, 48%, 78%
XYZ	28.3005, 31.8034, 58.6799
YIQ	146.8160, -46.2160, 0.5680

Conversions

Conversions Part 2

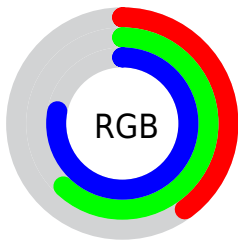
Format	Color
RYB	103, 138, 199
Decimal	6791111
CIELab	63.18, -7.41, -26.24
CIELCh	63, 27.267, 254.221
Yxy	31.8034, 0.2383, 0.2677
Android (android.graphics.Color)	4284981191 (0xFF679FC7)
YUV	146.8160, 25.7267, -38.4266
Hunter-Lab	56.3945, -9.1136, -22.2166

Details

The XYZ color **28.3005, 31.8034, 58.6799** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.8248, 32.7674, 17.2697**, and the grayscale version is **27.5690, 29.0047, 31.5862**.

A 20% lighter version of the original color is **56.3946, 62.6841, 103.7347**, and **11.6001, 13.3503, 28.7535** is the 20% darker color. If you saturate the color by 10%, you get **24.9056, 28.0076, 58.1268**, and if you desaturate by 10%, it is **32.3364, 36.0729, 59.2919**.

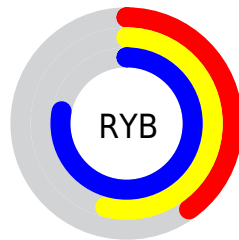
Distribution



Red (40%)

Green (62%)

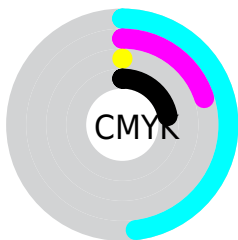
Blue (78%)



Red (40%)

Yellow (54%)

Blue (78%)

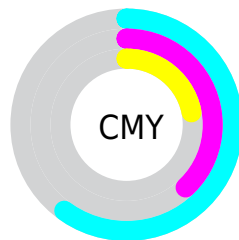


Cyan (48%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (60%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3005, 31.8034, 58.6799 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 28.3005, 31.8034, 58.6799 by changing the saturation by 10% instead.

■ 28.3005, 31.8034,
58.6799

■ 28.3005, 31.8034,
58.6799

285.9542,
310.2227, 437.3834

■ 18.6939, 21.2114,
41.9372

■ 56.3691, 62.5028,
104.4368

■ 11.5520, 13.2786,
28.7269

■ 75.5619, 83.3789,
134.2881

■ 6.5094, 7.6207,
18.6305

■ 98.6808, 108.4518,
169.3460

■ 3.2008, 3.8532,
11.2295

■ 126.0911,
138.1060, 210.0291

■ 1.2608, 1.5918,
6.1053

158.1583,
172.7258, 256.7558

■ 0.1536, 0.3521,
2.8394

195.2476,

■ 0.0000, 0.0000,

212.6955, 309.9447

1.0132

237.7244,
258.3997, 370.0144

■ 0.0000, 0.0000,
0.0000

■ 28.3005, 31.8034,
58.6799

■ 28.3005, 31.8034,
58.6799

■ 24.9056, 28.0076,
58.1268

■ 32.3364, 36.0729,
59.2919

■ 22.1074, 24.6581,
57.6277

■ 37.0471, 40.8344,
59.9626

■ 19.8607, 21.7293,
57.1808

■ 42.4679, 46.1092,
60.6951

■ 18.1115, 19.1903,
56.7829

■ 48.6304, 51.9162,
61.4911

■ 16.7777, 16.9960,
56.4297

■ 55.5641, 58.2731,
62.3527

■ 16.5640, 16.6338,
56.3710

■ 63.2972, 65.1969,
63.2815

■ 71.8560, 72.7035,
64.2794

■ 78.5651, 79.4159,
65.2214

■ 80.8658, 84.0174,
65.9883

Harmonies

Analogous

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



25.3275, 31.8034, 51.2092



28.3005, 31.8034, 58.6799



32.0432, 31.8034, 58.8878

Triad

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



28.3005, 31.8034, 58.6799



37.8092, 31.8034, 29.7772



25.4516, 31.8034, 21.7852

Complementary

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



28.3005, 31.8034, 58.6799



35.8248, 32.7674, 17.2697

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.



28.4830, 31.8034, 18.1578



28.3005, 31.8034, 58.6799



35.7234, 31.8034, 22.0795

Square

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



28.3005, 31.8034, 58.6799



37.7501, 31.8034, 40.5829



32.2415, 31.8034, 18.2529



23.7784, 31.8034, 29.2870

Rectangle

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



28.3005, 31.8034, 58.6799



34.4885, 31.8034, 54.7754



32.2415, 31.8034, 18.2529



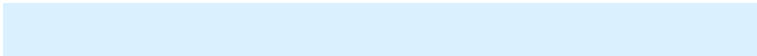
26.3340, 31.8034, 20.1489

Sweetspot

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



28.3016, 31.8046, 58.6807



78.5507, 84.7205, 106.8204



30.8555, 45.6662, 32.5451



16.3203, 17.6664, 22.7997



0.0000, 0.0000, 0.0000



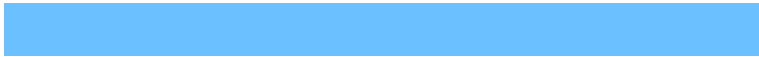
20.3446, 21.4041, 23.3091

Same Dimension

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



28.3016, 31.8046, 58.6807



43.2785, 48.6581, 101.7187



21.7640, 18.7295, 56.5015



10.5620, 11.2981, 13.5416



10.7391, 10.8721, 36.2769



0.5788, 0.6555, 1.7412

Inverse Universe

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



34.6624, 24.3470, 35.6746



56.1757, 35.6633, 54.5948



44.2859, 49.6897, 20.0901



10.8890, 10.7390, 12.3985



17.2199, 8.6375, 11.6339



0.8509, 0.4232, 0.7378

Previews

White Background



This preview shows how the XYZ color 28.3005, 31.8034, 58.6799 looks on a white background.

Color Contrast Check

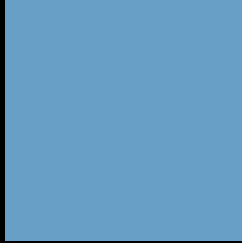
Large Text (above 18pt) WCAG AA × Fail

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 28.3005, 31.8034, 58.6799 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 28.3005, 31.8034, 58.6799

Background



This preview shows how black text looks on a background with the XYZ color 28.3005, 31.8034, 58.6799.

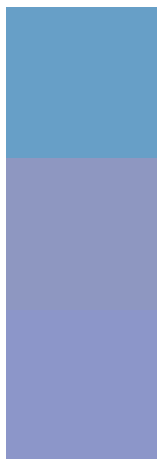


This preview shows how white text looks on a background with the XYZ color 28.3005, 31.8034,

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

28.3005, 31.8034, 58.6799

Protanopia

31.8476, 31.7343, 54.8989

Deuteranopia

32.2642, 31.6052, 59.6582



Tritanopia

25.7575, 31.8158, 45.8578

Trichromacy



Original Color

28.3005, 31.8034, 58.6799

Protanomaly

30.3080, 31.6405, 56.1396

Deuteranomaly

30.5690, 31.4646, 59.1057

Tritanomaly

26.7176, 31.9540, 50.1070

Monochromacy



Original Color

28.3005, 31.8034, 58.6799

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3096, 29.7117, 40.3720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3005, 31.8034, 58.6799 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(103, 159, 199)` looks like.

```
.text, #text, p{  
    color:rgb(103, 159, 199)  
}
```

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(103, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 159, 199) }
```

Border

The CSS property to change the border of an element to XYZ 28.3005, 31.8034, 58.6799 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(103, 159, 199) }
```


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

```
.border{ border-color:rgb(103, 159, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 159, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 159, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 159, 199); box-shadow:4px 4px 4px 4px rgb(103, 159, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3005, 31.8034, 58.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 159, 199) }
```

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

```
.background{ background-color: rgb(103,  
159, 199) }
```

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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