

Converting Colors

XYZ(29.0120, 31.7216, 54.0287)

Have a look what the booklet for
XYZ(29.0120, 31.7216, 54.0287)
contains.

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Color

**XYZ(29.0687, 31.7975,
53.8957)**

Conversions

Conversions Part 1

Format	Color
Hex	779DBF
RGB	119, 157, 191
RGB Percent	47%, 62%, 75%
CMY	0.5333, 0.3843, 0.2510
CMYK	0.38, 0.18, 0.00, 0.25
HSL	208°, 36%, 61%
HSV	208°, 38%, 75%
XYZ	29.0687, 31.7975, 53.8957
YIQ	149.5140, -33.5620, 2.5180

Conversions

Conversions Part 2

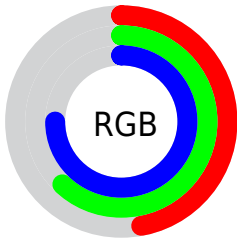
Format	Color
R_{YB}	119, 144, 191
Decimal	7839167
CIE _{Lab}	63.18, -4.40, -21.70
CIE _{LCh}	63, 22.140, 258.538
Yxy	31.7975, 0.2533, 0.2771
Android (android.graphics.Color)	4286029247 (0xFF779DBF)
YUV	149.5140, 20.4526, -26.7608
Hunter-Lab	56.3893, -6.6644, -17.1957

Details

The XYZ color **29.0687, 31.7975, 53.8957** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.2075, 35.1913, 22.3380**, and the grayscale version is **28.7111, 30.2063, 32.8946**.

A 20% lighter version of the original color is **57.3163, 62.1882, 96.9783**, and **11.9841, 13.3075, 25.6039** is the 20% darker color. If you saturate the color by 10%, you get **25.2362, 27.6401, 53.2958**, and if you desaturate by 10%, it is **33.5426, 36.4542, 54.5593**.

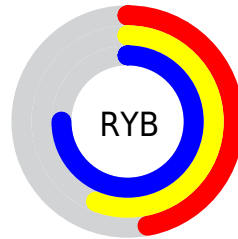
Distribution



Red (47%)

Green (62%)

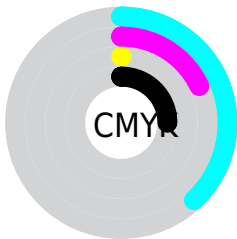
Blue (75%)



Red (47%)

Yellow (56%)

Blue (75%)

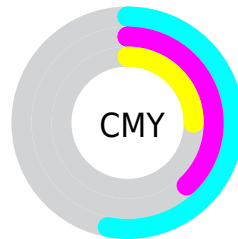


Cyan (38%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0687, 31.7975, 53.8957 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 29.0687, 31.7975, 53.8957 by changing the saturation by 10% instead.

■ 29.0687, 31.7975,
53.8957

■ 29.0687, 31.7975,
53.8957

289.5273,
310.1958, 418.8755

■ 19.2773, 21.2069,
38.1257

■ 57.5830, 62.4935,
97.3759

■ 11.9760, 13.2753,
25.7777

■ 77.0367, 83.3677,
125.9232

■ 6.7994, 7.6184,
16.4331

■ 100.4419,
108.4385, 159.5667

■ 3.3822, 3.8518,
9.6735

128.1638,
138.0903, 198.7249

■ 1.3590, 1.5910,
5.0802

160.5680,
172.7075, 243.8163

■ 0.2267, 0.3515,
2.2349

198.0198,

■ 0.0000, 0.0000,

212.6746, 295.2595

0.6944

240.8844,
258.3759, 353.4731

■ 0.0000, 0.0000,
0.0000

■ 29.0687, 31.7975,
53.8957

■ 29.0687, 31.7975,
53.8957

■ 25.2362, 27.6401,
53.2958

■ 33.5426, 36.4542,
54.5593

■ 22.0080, 23.9572,
52.7551

■ 38.6864, 41.6263,
55.2865

■ 19.3474, 20.7269,
52.2718

■ 44.5304, 47.3333,
56.0801

■ 17.2121, 17.9234,
51.8432

■ 51.1018, 53.5928,
56.9419

■ 15.5529, 15.5176,
51.4663

■ 58.4267, 60.4213,
57.8739

■ 14.2983, 13.4682,
51.1368

■ 66.5295, 67.8344,
58.8777

■ 14.0392, 13.0319,
51.0663

■ 75.4337, 75.8474,
59.9550

■ 78.7068, 81.1471,
60.8055

■ 81.2699, 86.2733,
61.6598

Harmonies

Analogous

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



26.4928, 31.7975, 48.8431



29.0687, 31.7975, 53.8957



32.1316, 31.7975, 53.1761

Triad

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



29.0687, 31.7975, 53.8957



36.1496, 31.7975, 29.5375



26.0253, 31.7975, 24.6229

Complementary

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



29.0687, 31.7975, 53.8957



36.2075, 35.1913, 22.3380

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.



28.3907, 31.7975, 20.9803



29.0687, 31.7975, 53.8957



34.2870, 31.7975, 23.4699

Square

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



29.0687, 31.7975, 53.8957



36.3618, 31.7975, 38.0787



31.4066, 31.7975, 20.5972



24.8165, 31.7975, 31.3812

Rectangle

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



29.0687, 31.7975, 53.8957



34.0375, 31.7975, 49.5414



31.4066, 31.7975, 20.5972



26.7039, 31.7975, 23.0461

Sweetspot

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



29.0697, 31.7987, 53.8964



75.9665, 81.1066, 99.9304



31.9561, 43.4710, 36.6715



16.3630, 17.4999, 21.9007



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.



29.0697, 31.7987, 53.8964



46.4708, 50.9108, 95.6566



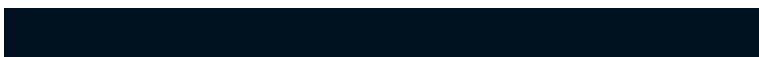
23.8987, 21.4567, 52.1728



9.4220, 10.0363, 12.1128



9.3075, 8.7267, 33.5868



0.4296, 0.4719, 1.3373

Inverse Universe

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



34.1694, 26.7053, 35.2533



57.1180, 41.3888, 56.4835



42.9280, 48.6323, 24.5782



9.7349, 9.6182, 10.9928



15.6988, 7.9107, 8.9732



0.6478, 0.3230, 0.5243

Previews

White Background



This preview shows how the XYZ color 29.0687, 31.7975, 53.8957 looks on a white background.

Color Contrast Check

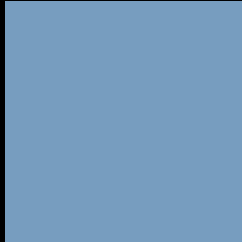
Large Text (above 18pt) WCAG AA × Fail

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 29.0687, 31.7975, 53.8957 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

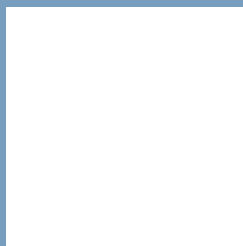
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0687, 31.7975, 53.8957

Background



This preview shows how black text looks on a background with the XYZ color 29.0687, 31.7975, 53.8957.

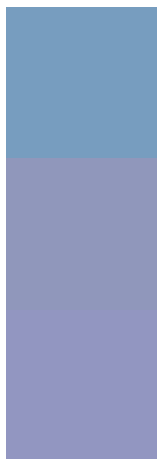


This preview shows how white text looks on a background with the XYZ color 29.0687, 31.7975,

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

29.0687, 31.7975, 53.8957

Protanopia

31.5378, 31.6504, 51.4606

Deuteranopia

32.3860, 31.7739, 54.8781



Tritanopia

27.0531, 31.7361, 44.2350

Trichromacy



Original Color

29.0687, 31.7975, 53.8957

Protanomaly

30.4600, 31.5642, 52.0640

Deuteranomaly

31.0590, 31.8225, 54.3745

Tritanomaly

27.8388, 31.8046, 47.8516

Monochromacy



Original Color

29.0687, 31.7975, 53.8957

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8302, 30.9880, 40.0591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0687, 31.7975, 53.8957 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(119, 157, 191)` looks like.

```
.text, #text, p{  
    color:rgb(119, 157, 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(119, 157, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 157, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.0687, 31.7975, 53.8957 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(119, 157, 191) }
```


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

```
.border{ border-color:rgb(119, 157, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 157, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 157, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 157, 191);  
box-shadow:4px 4px 4px 4px rgb(119, 157,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0687, 31.7975, 53.8957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 157, 191) }
```

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

```
.background{ background-color: rgb(119,  
157, 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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