

Converting Colors

XYZ(27.2379, 31.1311, 52.7174)

Have a look what the booklet for
XYZ(27.2379, 31.1311, 52.7174)
contains.

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Color

**XYZ(27.2379, 31.1311,
52.7174)**

Conversions

Conversions Part 1

Format	Color
Hex	699EBD
RGB	105, 158, 189
RGB Percent	41%, 62%, 74%
CMY	0.5882, 0.3804, 0.2588
CMYK	0.44, 0.16, 0.00, 0.26
HSL	202°, 39%, 58%
HSV	202°, 44%, 74%
XYZ	27.2379, 31.1311, 52.7174
YIQ	145.6870, -41.5390, -1.5950

Conversions

Conversions Part 2

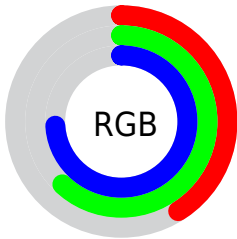
Format	Color
R _{YB}	105, 137, 189
Decimal	6921917
CIE Lab	62.62, -9.22, -21.50
CIE LCh	63, 23.394, 246.776
Yxy	31.1311, 0.2452, 0.2802
Android (android.graphics.Color)	4285111997 (0xFF699EBD)
YUV	145.6870, 21.3533, -35.6825
Hunter-Lab	55.7953, -10.5023, -16.9627

Details

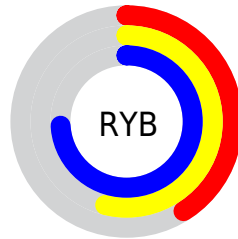
The XYZ color **27.2379, 31.1311, 52.7174** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.3410, 29.4480, 17.3452**, and the grayscale version is **27.1221, 28.5345, 31.0741**.

A 20% lighter version of the original color is **54.7729, 61.6547, 95.3999**, and **11.0170, 12.9711, 25.2156** is the 20% darker color. If you saturate the color by 10%, you get **24.1038, 27.7997, 52.2401**, and if you desaturate by 10%, it is **30.9348, 34.8543, 53.2418**.

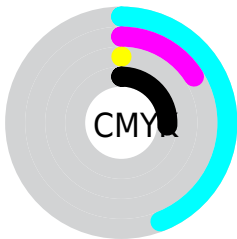
Distribution



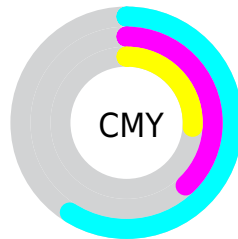
- Red (41%)
- Green (62%)
- Blue (74%)



- Red (41%)
- Yellow (54%)
- Blue (74%)



- Cyan (44%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (59%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2379, 31.1311, 52.7174 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 27.2379, 31.1311, 52.7174 by changing the saturation by 10% instead.

■ 27.2379, 31.1311,
52.7174

■ 27.2379, 31.1311,
52.7174

■ 280.9537,
307.1418, 414.2355

■ 17.8895, 20.6987,
37.1910

■ 54.6826, 61.4464,
95.6257

■ 10.9699, 12.9039,
25.0585

■ 73.5096, 82.0981,
123.8448

■ 6.1137, 7.3624,
15.9012

■ 96.2268, 106.9250,
157.1318

■ 2.9557, 3.6898,
9.3007

■ 123.1996,
136.3116, 195.9053

■ 1.1304, 1.5016,
4.8383

■ 154.7933,
170.6421, 240.5839

■ 0.0503, 0.2898,
2.0956

■ 191.3733,

■ 0.0000, 0.0000,

210.3011, 291.5861

0.6132

233.3050,
255.6729, 349.3304

■ 0.0000, 0.0000,
0.0000

■ 27.2379, 31.1311,
52.7174

■ 27.2379, 31.1311,
52.7174

■ 24.1038, 27.7997,
52.2401

■ 30.9348, 34.8543,
53.2418

■ 21.4954, 24.8372,
51.8058

■ 35.2227, 38.9833,
53.8127

■ 19.3754, 22.2234,
51.4130

■ 40.1313, 43.5357,
54.4327

■ 17.6999, 19.9340,
51.0594

■ 45.6872, 48.5268,
55.1033

■ 16.4158, 17.9397,
50.7421

■ 51.9156, 53.9711,
55.8259

■ 15.8122, 16.9278,
50.5786

■ 58.8401, 59.8822,
56.6019

■ 66.4833, 66.2731,
57.4326

■ 74.4219, 72.9271,
58.2985

■ 76.2230, 76.5294,
58.8989

Harmonies

Analogous

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



24.9472, 31.1311, 45.5263



27.2379, 31.1311, 52.7174



30.3181, 31.1311, 54.4812

Triad

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



27.2379, 31.1311, 52.7174



36.1010, 31.1311, 31.8678



26.0700, 31.1311, 21.6929

Complementary

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



27.2379, 31.1311, 52.7174



32.3410, 29.4480, 17.3452

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.



28.8721, 31.1311, 19.2851



27.2379, 31.1311, 52.7174



34.7740, 31.1311, 24.4378

Square

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



27.2379, 31.1311, 52.7174



35.5854, 31.1311, 41.2987



32.0720, 31.1311, 20.1913



24.3075, 31.1311, 27.4362

Rectangle

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



27.2379, 31.1311, 52.7174



32.4365, 31.1311, 52.1029



32.0720, 31.1311, 20.1913



26.9135, 31.1311, 20.5184

Sweetspot

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



27.2389, 31.1323, 52.7181



73.0392, 79.0322, 97.6314



28.4539, 41.1711, 29.6663



15.2606, 16.5887, 20.9402



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.2389, 31.1323, 52.7181



43.4764, 50.1247, 93.6098



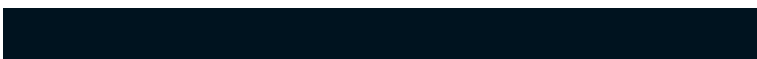
21.2805, 19.2155, 50.7320



9.5045, 10.2014, 12.1403



10.7138, 11.5394, 34.0555



0.4802, 0.5730, 1.3542

Inverse Universe

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



32.2103, 23.3916, 35.1663



53.7923, 35.6783, 56.8261



39.4174, 43.6007, 19.7040



9.7765, 9.6349, 11.2122



16.4086, 8.1946, 12.7113



0.6733, 0.3332, 0.6588

Previews

White Background



This preview shows how the XYZ color 27.2379, 31.1311, 52.7174 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 27.2379, 31.1311, 52.7174 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 27.2379, 31.1311, 52.7174

Background



This preview shows how black text looks on a background with the XYZ color 27.2379, 31.1311, 52.7174.

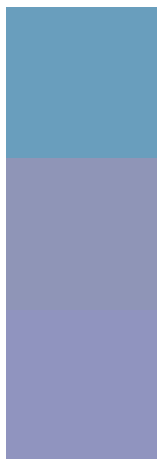


This preview shows how white text looks on a background with the XYZ color 27.2379, 31.1311,

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

27.2379, 31.1311, 52.7174

Protanopia

30.6224, 30.7534, 49.1218

Deuteranopia

31.4955, 30.8707, 53.5889



Tritanopia

25.7517, 31.3124, 44.7310

Trichromacy



Original Color

27.2379, 31.1311, 52.7174

Protanomaly

29.0385, 30.6264, 50.2799

Deuteranomaly

29.7284, 30.9200, 53.1165

Tritanomaly

26.1870, 31.2211, 47.2939

Monochromacy



Original Color

27.2379, 31.1311, 52.7174

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7880, 29.2466, 38.4157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2379, 31.1311, 52.7174 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(105, 158, 189)` looks like.

```
.text, #text, p{  
    color:rgb(105, 158, 189)  
}
```

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(105, 158, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 158, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.2379, 31.1311, 52.7174 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(105, 158, 189) }
```


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

```
.border{ border-color:rgb(105, 158, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 158, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 158, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 158, 189);  
box-shadow:4px 4px 4px 4px rgb(105, 158,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2379, 31.1311, 52.7174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 158, 189) }
```

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

```
.background{ background-color: rgb(105,  
158, 189) }
```

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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