

Converting Colors

XYZ(27.9259, 26.2317, 54.5126)

Have a look what the booklet for
XYZ(27.9259, 26.2317, 54.5126)
contains.

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Color

**XYZ(27.9173, 26.1285,
54.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	8487C2
RGB	132, 135, 194
RGB Percent	52%, 53%, 76%
CMY	0.4823, 0.4706, 0.2392
CMYK	0.32, 0.30, 0.00, 0.24
HSL	237°, 34%, 64%
HSV	237°, 32%, 76%
XYZ	27.9173, 26.1285, 54.6108
YIQ	140.8290, -20.7270, 17.7130

Conversions

Conversions Part 2

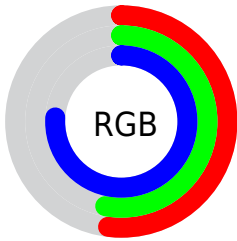
Format	Color
RYB	132, 135, 194
Decimal	8685506
CIELab	58.16, 12.71, -31.04
CIELCh	58, 33.547, 292.272
Yxy	26.1285, 0.2569, 0.2405
Android (android.graphics.Color)	4286875586 (0xFF8487C2)
YUV	140.8290, 26.2133, -7.7430
Hunter-Lab	51.1160, 8.0356, -27.5624

Details

The XYZ color **27.9173, 26.1285, 54.6108** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.0444, 50.3975, 29.1845**, and the grayscale version is **25.1577, 26.4678, 28.8235**.

A 20% lighter version of the original color is **55.8893, 53.4963, 98.6469**, and **11.2904, 10.0959, 26.1646** is the 20% darker color. If you saturate the color by 10%, you get **22.8047, 19.9954, 53.6969**, and if you desaturate by 10%, it is **34.0424, 33.4477, 55.7012**.

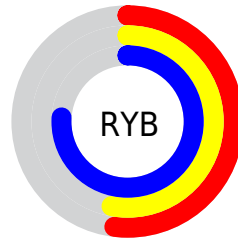
Distribution



Red (52%)

Green (53%)

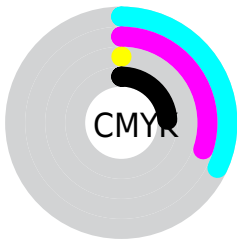
Blue (76%)



Red (52%)

Yellow (53%)

Blue (76%)

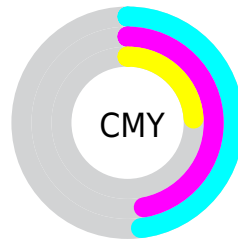


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9173, 26.1285, 54.6108 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 27.9173, 26.1285, 54.6108 by changing the saturation by 10% instead.

■ 27.9173, 26.1285,
54.6108

■ 27.9173, 26.1285,
54.6108

284.1588,
283.4123, 421.6752

■ 18.4035, 16.9198,
38.6937

■ 55.7619, 53.4822,
98.4359

■ 11.3415, 10.1773,
26.2155

■ 74.8235, 72.3959,
127.1810

■ 6.3660, 5.5167,
16.7577

■ 97.7983, 95.3135,
161.0392

■ 3.1116, 2.5535,
9.9018

125.0517,
122.6193, 200.4290

■ 1.2131, 0.9033,
5.2291

156.9491,
154.6977, 245.7689

■ 0.1167, 0.0000,
2.3212

193.8558,

■ 0.0000, 0.0000,

191.9330, 297.4776

0.7431

236.1373,
234.7098, 355.9735

■ 0.0000, 0.0000,
0.0000

■ 27.9173, 26.1285,
54.6108

■ 27.9173, 26.1285,
54.6108

■ 22.8047, 19.9954,
53.6969

■ 34.0424, 33.4477,
55.7012

■ 18.6476, 14.9831,
52.9486

■ 41.2278, 42.0076,
56.9747

■ 15.3873, 11.0247,
52.3563

■ 49.5210, 51.8632,
58.4399

■ 12.9578, 8.0448,
51.9092

■ 58.9665, 63.0651,
60.1043

■ 11.2838, 5.9581,
51.5947

■ 69.6057, 75.6614,
61.9749

■ 10.2761, 4.6647,
51.3981

■ 81.4785, 89.6978,
64.0584

■ 9.8396, 4.0988,
51.3119

■ 86.7377, 96.6751,
65.1279

Harmonies

Analogous

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



23.7977, 26.1285, 56.9086



27.9173, 26.1285, 54.6108



31.5462, 26.1285, 44.4699

Triad

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



27.9173, 26.1285, 54.6108



29.9328, 26.1285, 14.1592



17.8641, 26.1285, 25.5433

Complementary

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



27.9173, 26.1285, 54.6108



45.0444, 50.3975, 29.1845

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.



19.1492, 26.1285, 16.8290



27.9173, 26.1285, 54.6108



25.9007, 26.1285, 11.5288

Square

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



27.9173, 26.1285, 54.6108



32.7956, 26.1285, 20.7783



21.9872, 26.1285, 12.3511



18.2786, 26.1285, 37.8087

Rectangle

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



27.9173, 26.1285, 54.6108



33.0515, 26.1285, 35.8274



21.9872, 26.1285, 12.3511



18.1063, 26.1285, 22.1611

Sweetspot

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



27.9182, 26.1295, 54.6114



77.2462, 79.1428, 103.6746



38.2012, 47.2469, 56.3392



16.4695, 16.8002, 22.6247



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.



27.9182, 26.1295, 54.6114



44.2260, 39.7225, 97.8060



32.4670, 27.8619, 54.7060



9.5665, 9.8244, 12.6769



6.4866, 2.7296, 33.7416



0.2940, 0.1455, 1.4625

Inverse Universe

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



34.8733, 29.7221, 26.8215



58.7310, 47.3099, 39.8287



39.2042, 48.3679, 29.1005



10.0925, 10.0856, 10.5777



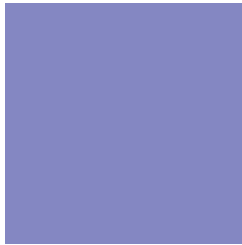
14.6701, 7.5578, 0.9088



0.6408, 0.3293, 0.0759

Previews

White Background



This preview shows how the XYZ color 27.9173, 26.1285, 54.6108 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 27.9173, 26.1285, 54.6108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

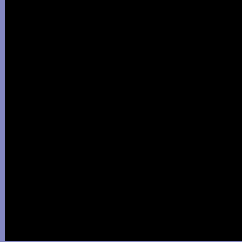
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9173, 26.1285, 54.6108

Background



This preview shows how black text looks on a background with the XYZ color 27.9173, 26.1285, 54.6108.



This preview shows how white text looks on a background with the XYZ color 27.9173, 26.1285,

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

27.9173, 26.1285, 54.6108

Protanopia

27.0783, 26.3001, 55.8738

Deuteranopia

26.7402, 26.1648, 54.0930



Tritanopia

23.8236, 26.1890, 34.3712

Trichromacy



Original Color

27.9173, 26.1285, 54.6108

Protanomaly

27.4002, 26.2671, 55.2557

Deuteranomaly

27.1755, 26.1772, 54.0725

Tritanomaly

25.1437, 26.0564, 41.2403

Monochromacy



Original Color

27.9173, 26.1285, 54.6108

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0590, 26.4066, 36.9812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9173, 26.1285, 54.6108 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(132, 135, 194)` looks like.

```
.text, #text, p{  
    color:rgb(132, 135, 194)  
}
```

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(132, 135, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 135, 194) }
```

Border

The CSS property to change the border of an element to XYZ 27.9173, 26.1285, 54.6108 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(132, 135, 194) }
```


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

```
.border{ border-color:rgb(132, 135, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 135, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 135, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 135, 194);  
box-shadow:4px 4px 4px 4px rgb(132, 135,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9173, 26.1285, 54.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 135, 194) }
```

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

```
.background{ background-color: rgb(132,  
135, 194) }
```

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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