

Converting Colors

XYZ(28.0369, 26.4713, 58.0337)

Have a look what the booklet for
XYZ(28.0369, 26.4713, 58.0337)
contains.

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Color

**XYZ(28.1234, 26.5735,
58.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	7F89C8
RGB	127, 137, 200
RGB Percent	50%, 54%, 78%
CMY	0.5019, 0.4627, 0.2157
CMYK	0.36, 0.31, 0.00, 0.22
HSL	232°, 40%, 64%
HSV	232°, 36%, 78%
XYZ	28.1234, 26.5735, 58.2905
YIQ	141.1920, -26.1830, 17.4730

Conversions

Conversions Part 2

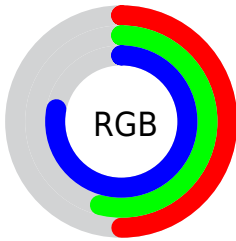
Format	Color
R_{YB}	127, 136, 200
Decimal	8358344
CIE _{Lab}	58.58, 11.73, -33.81
CIE _{LCh}	59, 35.790, 289.125
Yxy	26.5735, 0.2489, 0.2352
Android (android.graphics.Color)	4286548424 (0xFF7F89C8)
YUV	141.1920, 28.9923, -12.4464
Hunter-Lab	51.5495, 7.1711, -30.9586

Details

The XYZ color **28.1234, 26.5735, 58.2905** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.0644, 50.6394, 27.4263**, and the grayscale version is **25.2907, 26.6078, 28.9759**.

A 20% lighter version of the original color is **55.7549, 53.9920, 102.0906**, and **11.4205, 10.3476, 28.5895** is the 20% darker color. If you saturate the color by 10%, you get **23.1747, 20.6672, 57.4118**, and if you desaturate by 10%, it is **34.0577, 33.5717, 59.3290**.

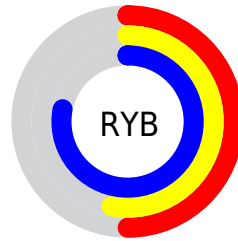
Distribution



Red (50%)

Green (54%)

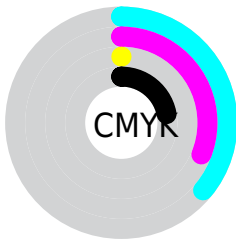
Blue (78%)



Red (50%)

Yellow (53%)

Blue (78%)

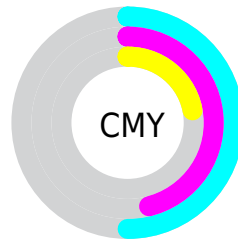


Cyan (36%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (50%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1234, 26.5735, 58.2905 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 28.1234, 26.5735, 58.2905 by changing the saturation by 10% instead.

■ 28.1234, 26.5735,
58.2905

■ 28.1234, 26.5735,
58.2905

285.1255,
285.5861, 435.8960

■ 18.5596, 17.2532,
41.6260

■ 56.0887, 54.1987,
103.8647

■ 11.4546, 10.4152,
28.4852

■ 75.2209, 73.2724,
133.6115

■ 6.4430, 5.6751,
18.4495

■ 98.2733, 96.3659,
168.5562

■ 3.1595, 2.6485,
11.1004

125.6112,
123.8638, 209.1172

■ 1.2387, 0.9511,
6.0194

157.6000,
156.1504, 255.7132

■ 0.1366, 0.0000,
2.7879

194.6051,

■ 0.0000, 0.0000,

193.6100, 308.7626

0.9874

236.9918,
236.6271, 368.6840

■ 0.0000, 0.0000,
0.0000

■ 28.1234, 26.5735,
58.2905

■ 28.1234, 26.5735,
58.2905

■ 23.1747, 20.6672,
57.4118

■ 34.0577, 33.5717,
59.3290

■ 19.1550, 15.7943,
56.6831

■ 41.0245, 41.7100,
60.5327

■ 16.0063, 11.8955,
56.0965

■ 49.0709, 51.0377,
61.9090

■ 13.6626, 8.9041,
55.6426

■ 58.2405, 61.6000,
63.4644

■ 12.0483, 6.7448,
55.3109

■ 68.5743, 73.4400,
65.2051

■ 11.0692, 5.3277,
55.0890

■ 80.1112, 86.5985,
67.1369

■ 10.8265, 4.9723,
55.0332

■ 87.4254, 96.9502,
68.7495

Harmonies

Analogous

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



23.6989, 26.5735, 59.7375



28.1234, 26.5735, 58.2905



32.1884, 26.5735, 47.7997

Triad

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



28.1234, 26.5735, 58.2905



31.1900, 26.5735, 14.2403



17.8454, 26.5735, 24.6110

Complementary

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



28.1234, 26.5735, 58.2905



46.0644, 50.6394, 27.4263

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.



19.4003, 26.5735, 15.8282



28.1234, 26.5735, 58.2905



26.8826, 26.5735, 11.1018

Square

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



28.1234, 26.5735, 58.2905



34.0957, 26.5735, 21.7180



22.5929, 26.5735, 11.5837



18.0958, 26.5735, 37.5939

Rectangle

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



28.1234, 26.5735, 58.2905



33.9883, 26.5735, 38.4251



22.5929, 26.5735, 11.5837



18.1664, 26.5735, 21.1506

Sweetspot

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



28.1243, 26.5745, 58.2911



78.2306, 80.5784, 106.0377



38.5982, 49.4975, 55.6929



16.3365, 16.7739, 22.6266



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.



28.1243, 26.5745, 58.2911



41.5989, 37.5533, 99.6638



31.0677, 26.0786, 58.0403



10.1719, 10.5179, 13.4115



6.9225, 3.2390, 35.0047



0.3670, 0.2317, 1.6705

Inverse Universe

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



35.9250, 29.2653, 27.4232



57.2186, 43.3194, 37.7700



42.0418, 51.8919, 27.8801



10.6920, 10.6602, 11.3616



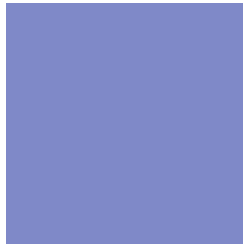
15.2935, 7.8670, 1.4896



0.7439, 0.3804, 0.1746

Previews

White Background



This preview shows how the XYZ color 28.1234, 26.5735, 58.2905 looks on a white background.

Color Contrast Check

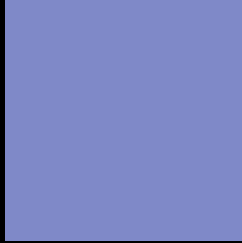
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1234, 26.5735, 58.2905 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 28.1234, 26.5735, 58.2905

Background



This preview shows how black text looks on a background with the XYZ color 28.1234, 26.5735, 58.2905.



This preview shows how white text looks on a background with the XYZ color 28.1234, 26.5735,

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

28.1234, 26.5735, 58.2905

Protanopia

27.6604, 26.7472, 58.9632

Deuteranopia

27.2657, 26.5573, 58.3326



Tritanopia

23.5473, 26.4670, 35.7659

Trichromacy



Original Color

28.1234, 26.5735, 58.2905

Protanomaly

27.7995, 26.6050, 58.9284

Deuteranomaly

27.5398, 26.4847, 58.3041

Tritanomaly

25.1010, 26.4281, 43.3133

Monochromacy



Original Color

28.1234, 26.5735, 58.2905

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0530, 26.5990, 37.9434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1234, 26.5735, 58.2905 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(127, 137, 200)` looks like.

```
.text, #text, p{  
    color:rgb(127, 137, 200)  
}
```

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(127, 137, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 137, 200) }
```

Border

The CSS property to change the border of an element to XYZ 28.1234, 26.5735, 58.2905 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(127, 137, 200) }
```


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

```
.border{ border-color:rgb(127, 137, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 137, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 137, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 137, 200);  
box-shadow:4px 4px 4px 4px rgb(127, 137,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1234, 26.5735, 58.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 137, 200) }
```

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

```
.background{ background-color: rgb(127,  
137, 200) }
```

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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