

Converting Colors

XYZ(27.3730, 26.4965, 57.6436)

Have a look what the booklet for
XYZ(27.3730, 26.4965, 57.6436)
contains.

XYZ(27.2824, 26.3654, 57.6839)	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(27.2824, 26.3654,
57.6839)**

Conversions

Conversions Part 1

Format	Color
Hex	798AC7
RGB	121, 138, 199
RGB Percent	47%, 54%, 78%
CMY	0.5255, 0.4588, 0.2196
CMYK	0.39, 0.31, 0.00, 0.22
HSL	227°, 41%, 63%
HSV	227°, 39%, 78%
XYZ	27.2824, 26.3654, 57.6839
YIQ	139.8710, -29.7130, 15.3670

Conversions

Conversions Part 2

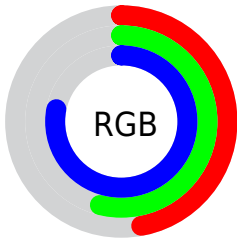
Format	Color
RYB	121, 135, 199
Decimal	7965383
CIELab	58.38, 9.21, -33.59
CIELCh	58, 34.826, 285.339
Yxy	26.3654, 0.2451, 0.2368
Android (android.graphics.Color)	4286155463 (0xFF798AC7)
YUV	139.8710, 29.1506, -16.5499
Hunter-Lab	51.3472, 4.9849, -30.6638

Details

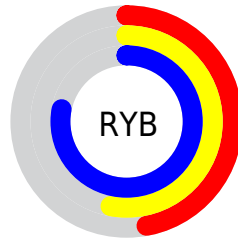
The XYZ color **27.2824, 26.3654, 57.6839** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7330, 46.9793, 24.8531**, and the grayscale version is **24.7767, 26.0670, 28.3870**.

A 20% lighter version of the original color is **54.5853, 53.7117, 102.0982**, and **10.9845, 10.2527, 28.1881** is the 20% darker color. If you saturate the color by 10%, you get **22.7009, 20.9235, 56.8755**, and if you desaturate by 10%, it is **32.7609, 32.7458, 58.6272**.

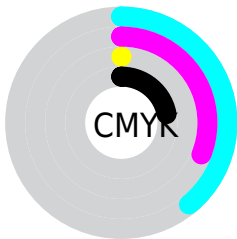
Distribution



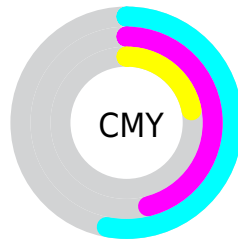
- Red (47%)
- Green (54%)
- Blue (78%)



- Red (47%)
- Yellow (53%)
- Blue (78%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2824, 26.3654, 57.6839 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 27.2824, 26.3654, 57.6839 by changing the saturation by 10% instead.

■ 27.2824, 26.3654,
57.6839

■ 27.2824, 26.3654,
57.6839

281.1645,
284.5712, 433.5724

■ 17.9231, 17.0972,
41.1416

■ 54.7534, 53.8638,
102.9726

■ 10.9942, 10.3038,
28.1092

■ 73.5958, 72.8629,
132.5561

■ 6.1302, 5.6009,
18.1682

■ 96.3300, 95.8743,
167.3237

■ 2.9658, 2.6039,
10.9001

123.3212,
123.2825, 207.6939

■ 1.1357, 0.9286,
5.8864

154.9350,
155.4719, 254.0854

■ 0.0547, 0.0000,
2.7085

191.5365,

■ 0.0000, 0.0000,

192.8269, 306.9166

0.9477

233.4913,
235.7319, 366.6061

■ 0.0000, 0.0000,
0.0000

■ 27.2824, 26.3654,
57.6839

■ 27.2824, 26.3654,
57.6839

■ 22.7009, 20.9235,
56.8755

■ 32.7609, 32.7458,
58.6272

■ 18.9645, 16.3715,
56.1938

■ 39.1791, 40.1039,
59.7092

■ 16.0200, 12.6612,
55.6328

■ 46.5799, 48.4804,
60.9359

■ 13.8068, 9.7379,
55.1852

■ 55.0030, 57.9126,
62.3126

■ 12.2546, 7.5400,
54.8428

■ 64.4858, 68.4360,
63.8440

■ 11.2531, 5.9822,
54.5949

■ 75.0637, 80.0844,
65.5348

■ 11.1863, 5.8784,
54.5784

■ 84.7922, 91.8702,
67.2970

■ 87.3089, 96.9036,
68.1359

Harmonies

Analogous

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



23.0490, 26.3654, 57.7981



27.2824, 26.3654, 57.6839



31.3283, 26.3654, 48.4842

Triad

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



27.2824, 26.3654, 57.6839



31.2490, 26.3654, 15.0787



17.9604, 26.3654, 23.1857

Complementary

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



27.2824, 26.3654, 57.6839



43.7330, 46.9793, 24.8531

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.



19.6883, 26.3654, 15.2065



27.2824, 26.3654, 57.6839



27.1837, 26.3654, 11.5052

Square

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



27.2824, 26.3654, 57.6839



33.7886, 26.3654, 22.9545



22.9608, 26.3654, 11.5442



17.9804, 26.3654, 35.3492

Rectangle

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



27.2824, 26.3654, 57.6839



33.2376, 26.3654, 39.6132



22.9608, 26.3654, 11.5442



18.3467, 26.3654, 20.0131

Sweetspot

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



27.2833, 26.3664, 57.6845



77.5099, 80.3218, 106.0262



36.6293, 48.2404, 50.9900



16.2160, 16.7691, 22.6320



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.



27.2833, 26.3664, 57.6845



40.8581, 37.9678, 99.7828



28.2681, 23.5324, 57.0856



10.2410, 10.6561, 13.4346



7.2467, 3.8873, 35.1127



0.3983, 0.2945, 1.6810

Inverse Universe

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



34.9788, 27.6528, 27.5396



56.3819, 41.2126, 38.8267



42.2813, 51.7166, 25.8440



10.7269, 10.6742, 11.5453



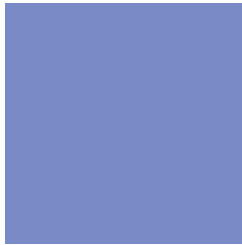
15.4571, 7.9324, 2.3512



0.7598, 0.3867, 0.2580

Previews

White Background



This preview shows how the XYZ color 27.2824, 26.3654, 57.6839 looks on a white background.

Color Contrast Check

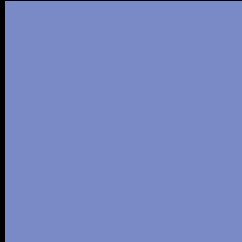
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2824, 26.3654, 57.6839 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 27.2824, 26.3654, 57.6839

Background



This preview shows how black text looks on a background with the XYZ color 27.2824, 26.3654, 57.6839.



This preview shows how white text looks on a background with the XYZ color 27.2824, 26.3654,

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

27.2824, 26.3654, 57.6839

Protanopia

27.2824, 26.3654, 57.6839

Deuteranopia

27.0126, 26.4403, 57.7126



Tritanopia

23.0060, 26.4059, 36.2321

Trichromacy



Original Color

27.2824, 26.3654, 57.6839

Protanomaly

27.2824, 26.3654, 57.6839

Deuteranomaly

27.1492, 26.5107, 57.7190

Tritanomaly

24.4355, 26.3069, 43.3250

Monochromacy



Original Color

27.2824, 26.3654, 57.6839

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3385, 26.0250, 37.4061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2824, 26.3654, 57.6839 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(121, 138, 199)` looks like.

```
.text, #text, p{  
    color:rgb(121, 138, 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(121, 138, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 138, 199) }
```

Border

The CSS property to change the border of an element to XYZ 27.2824, 26.3654, 57.6839 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(121, 138, 199) }
```


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

```
.border{ border-color:rgb(121, 138, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 138, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 138, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 138, 199);  
box-shadow:4px 4px 4px 4px rgb(121, 138,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2824, 26.3654, 57.6839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 138, 199) }
```

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

```
.background{ background-color: rgb(121,  
138, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor