

Converting Colors

XYZ(27.2454, 25.6018, 53.3748)

Have a look what the booklet for
XYZ(27.2454, 25.6018, 53.3748)
contains.

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Color

**XYZ(27.2454, 25.6018,
53.3748)**

Conversions

Conversions Part 1

Format	Color
Hex	8286C0
RGB	130, 134, 192
RGB Percent	51%, 53%, 75%
CMY	0.4902, 0.4745, 0.2471
CMYK	0.32, 0.30, 0.00, 0.25
HSL	236°, 33%, 63%
HSV	236°, 32%, 75%
XYZ	27.2454, 25.6018, 53.3748
YIQ	139.4160, -21.0020, 17.1900

Conversions

Conversions Part 2

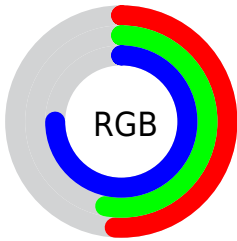
Format	Color
R_YB	130, 134, 192
Decimal	8554176
CIE _{Lab}	57.66, 12.19, -30.70
CIE _{LCh}	58, 33.033, 291.654
Yxy	25.6018, 0.2565, 0.2410
Android (android.graphics.Color)	4286744256 (0xFF8286C0)
YUV	139.4160, 25.9239, -8.2578
Hunter-Lab	50.5982, 7.5692, -27.1248

Details

The XYZ color **27.2454, 25.6018, 53.3748** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7511, 48.7849, 28.2304**, and the grayscale version is **24.6106, 25.8922, 28.1966**.

A 20% lighter version of the original color is **54.6364, 52.5705, 96.8900**, and **10.9778, 9.9517, 25.3870** is the 20% darker color. If you saturate the color by 10%, you get **22.2954, 19.6729, 52.4918**, and if you desaturate by 10%, it is **33.1683, 32.6592, 54.4253**.

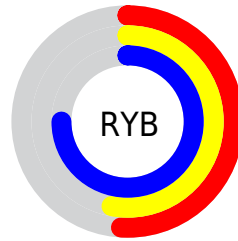
Distribution



Red (51%)

Green (53%)

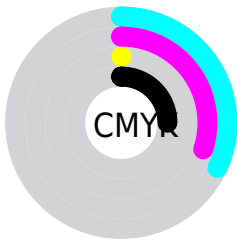
Blue (75%)



Red (51%)

Yellow (53%)

Blue (75%)

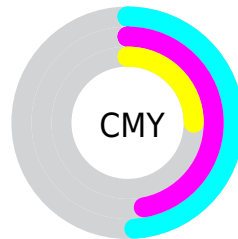


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (25%)



Cyan (49%)

Magenta (47%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2454, 25.6018, 53.3748 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 27.2454, 25.6018, 53.3748 by changing the saturation by 10% instead.

■ 27.2454, 25.6018,
53.3748

■ 27.2454, 25.6018,
53.3748

280.9893,
280.8218, 416.8284

■ 17.8952, 16.5260,
37.7123

■ 54.6945, 52.6319,
96.6028

■ 10.9740, 9.8971,
25.4594

■ 73.5241, 71.3549,
125.0053

■ 6.1165, 5.3308,
16.1975

■ 96.2442, 94.0624,
158.4916

■ 2.9574, 2.4426,
9.5081

123.2201,
121.1389, 197.4802

■ 1.1313, 0.8477,
4.9728

154.8172,
152.9687, 242.3897

■ 0.0510, 0.0000,
2.1728

191.4009,

■ 0.0000, 0.0000,

189.9362, 293.6385

0.6586

233.3364,
232.4257, 351.6452

■ 0.0000, 0.0000,
0.0000

■ 27.2454, 25.6018,
53.3748

■ 27.2454, 25.6018,
53.3748

■ 22.2954, 19.6729,
52.4918

■ 33.1683, 32.6592,
54.4253

■ 18.2637, 14.8111,
51.7658

■ 40.1095, 40.8963,
55.6494

■ 15.0945, 10.9538,
51.1883

■ 48.1147, 50.3647,
57.0550

■ 12.7246, 8.0306,
50.7490

■ 57.2262, 61.1121,
58.6493

■ 11.0823, 5.9620,
50.4363

■ 67.4837, 73.1836,
60.4387

■ 10.0829, 4.6550,
50.2367

■ 78.9252, 86.6222,
62.4296

■ 9.6507, 4.0783,
50.1481

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



23.2478, 25.6018, 55.4120



27.2454, 25.6018, 53.3748



30.7899, 25.6018, 43.6663

Triad

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



27.2454, 25.6018, 53.3748



29.3567, 25.6018, 14.0596



17.5659, 25.6018, 24.8363

Complementary

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



27.2454, 25.6018, 53.3748



43.7511, 48.7849, 28.2304

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.



18.8498, 25.6018, 16.4413



27.2454, 25.6018, 53.3748



25.4529, 25.6018, 11.4176

Square

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



27.2454, 25.6018, 53.3748



32.0977, 25.6018, 20.5951



21.6373, 25.6018, 12.1524



17.9351, 25.6018, 36.6977

Rectangle

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



27.2454, 25.6018, 53.3748



32.2784, 25.6018, 35.2985



21.6373, 25.6018, 12.1524



17.8130, 25.6018, 21.5746

Sweetspot

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



27.2463, 25.6028, 53.3754



75.6016, 77.5662, 101.3474



37.1189, 46.0707, 54.4383



15.7995, 16.1438, 21.6686



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.



27.2463, 25.6028, 53.3754



42.6222, 38.3164, 95.5097



31.3764, 26.9266, 53.4132



9.5793, 9.8500, 12.6812



6.5147, 2.7859, 33.7510



0.2998, 0.1571, 1.4644

Inverse Universe

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



34.0246, 28.8938, 26.3390



56.9225, 45.3985, 38.4398



38.4243, 47.3252, 28.2294



10.0990, 10.0882, 10.6117



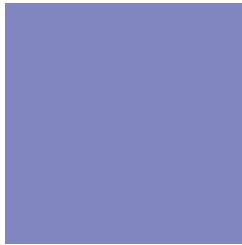
14.6843, 7.5635, 0.9836



0.6437, 0.3305, 0.0913

Previews

White Background



This preview shows how the XYZ color 27.2454, 25.6018, 53.3748 looks on a white background.

Color Contrast Check

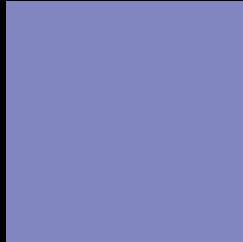
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2454, 25.6018, 53.3748 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 27.2454, 25.6018, 53.3748

Background



This preview shows how black text looks on a background with the XYZ color 27.2454, 25.6018, 53.3748.



This preview shows how white text looks on a background with the XYZ color 27.2454, 25.6018,

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

27.2454, 25.6018, 53.3748

Protanopia

26.4269, 25.5683, 54.5813

Deuteranopia

26.2348, 25.7179, 52.8715



Tritanopia

23.4488, 25.7835, 33.8778

Trichromacy



Original Color

27.2454, 25.6018, 53.3748

Protanomaly

26.6018, 25.4633, 53.9649

Deuteranomaly

26.5203, 25.6550, 52.8444

Tritanomaly

24.6651, 25.6152, 40.2035

Monochromacy



Original Color

27.2454, 25.6018, 53.3748

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.2706, 25.5942, 35.9560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2454, 25.6018, 53.3748 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(130, 134, 192)` looks like.

```
.text, #text, p{  
    color:rgb(130, 134, 192)  
}
```

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(130, 134, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 134, 192) }
```

Border

The CSS property to change the border of an element to XYZ 27.2454, 25.6018, 53.3748 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(130, 134, 192) }
```


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

```
.border{ border-color:rgb(130, 134, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 134, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 134, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 134, 192);  
box-shadow:4px 4px 4px 4px rgb(130, 134,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2454, 25.6018, 53.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 134, 192) }
```

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

```
.background{ background-color: rgb(130,  
134, 192) }
```

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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