

Converting Colors

XYZ(27.3496, 26.7933, 49.6291)

Have a look what the booklet for
XYZ(27.3496, 26.7933, 49.6291)
contains.

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Color

**XYZ(27.3496, 26.7933,
49.6291)**

Conversions

Conversions Part 1

Format	Color
Hex	838BB9
RGB	131, 139, 185
RGB Percent	51%, 55%, 73%
CMY	0.4863, 0.4549, 0.2745
CMYK	0.29, 0.25, 0.00, 0.27
HSL	231°, 28%, 62%
HSV	231°, 29%, 73%
XYZ	27.3496, 26.7933, 49.6291
YIQ	141.8520, -19.5340, 12.6100

Conversions

Conversions Part 2

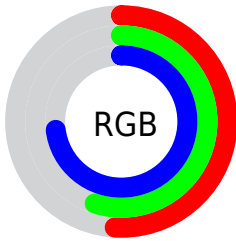
Format	Color
R_{YB}	131, 138, 185
Decimal	8620985
CIE _{Lab}	58.78, 7.76, -24.98
CIE _{LCh}	59, 26.159, 287.252
Yxy	26.7933, 0.2636, 0.2582
Android (android.graphics.Color)	4286811065 (0xFF838BB9)
YUV	141.8520, 21.2720, -9.5172
Hunter-Lab	51.7622, 3.7301, -20.6131

Details

The XYZ color **27.3496, 26.7933, 49.6291** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.8268, 43.3975, 27.7509**, and the grayscale version is **25.5775, 26.9095, 29.3045**.

A 20% lighter version of the original color is **54.7344, 54.3644, 90.8277**, and **11.0455, 10.5162, 23.2775** is the 20% darker color. If you saturate the color by 10%, you get **22.6165, 21.2071, 48.8008**, and if you desaturate by 10%, it is **32.9251, 33.3032, 50.5922**.

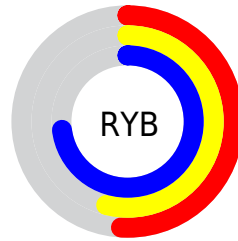
Distribution



Red (51%)

Green (55%)

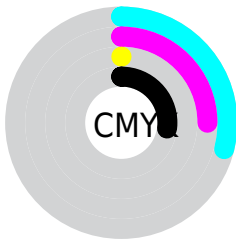
Blue (73%)



Red (51%)

Yellow (54%)

Blue (73%)

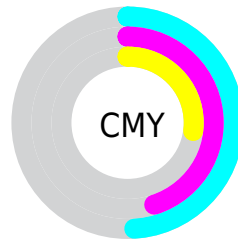


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3496, 26.7933, 49.6291 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 27.3496, 26.7933, 49.6291 by changing the saturation by 10% instead.

■ 27.3496, 26.7933,
49.6291

■ 27.3496, 26.7933,
49.6291

281.4826,
286.6549, 401.9072

■ 17.9739, 17.4180,
34.7497

■ 54.8603, 54.5520,
91.0157

■ 11.0308, 10.5330,
23.1881

■ 73.7260, 73.7042,
118.3600

■ 6.1550, 5.7538,
14.5259

■ 96.4857, 96.8843,
150.6963

■ 2.9811, 2.6959,
8.3444

123.5049,
124.4765, 188.4432

■ 1.1438, 0.9751,
4.2252

155.1488,
156.8652, 232.0192

■ 0.0613, 0.0000,
1.7497

191.7828,

■ 0.0000, 0.0000,

194.4350, 281.8428

0.3944

233.7723,
237.5701, 338.3326

■ 0.0000, 0.0000,
0.0000

■ 27.3496, 26.7933,
49.6291

■ 27.3496, 26.7933,
49.6291

■ 22.6165, 21.2071,
48.8008

■ 32.9251, 33.3032,
50.5922

■ 18.6817, 16.4994,
48.0995

■ 39.3786, 40.7730,
51.6939

■ 15.5016, 12.6259,
47.5194

■ 46.7470, 49.2408,
52.9400

■ 13.0266, 9.5370,
47.0537

■ 55.0642, 58.7416,
54.3355

■ 11.2018, 7.1780,
46.6945

■ 64.3626, 69.3088,
55.8851

■ 9.9631, 5.4865,
46.4333

■ 74.6727, 80.9742,
57.5933

■ 9.2076, 4.3761,
46.2588

■ 83.9705, 92.7097,
59.3685

■ 9.1585, 4.3057,
46.2478

■ 85.7570, 96.2828,
59.9640

Harmonies

Analogous

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



24.1224, 26.7933, 50.1455



27.3496, 26.7933, 49.6291



30.2960, 26.7933, 42.9623

Triad

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



27.3496, 26.7933, 49.6291



29.9108, 26.7933, 17.9801



19.8850, 26.7933, 25.4278

Complementary

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



27.3496, 26.7933, 49.6291



39.8268, 43.3975, 27.7509

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.



21.1792, 26.7933, 18.7042



27.3496, 26.7933, 49.6291



26.8590, 26.7933, 15.0555

Square

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



27.3496, 26.7933, 49.6291



31.8582, 26.7933, 24.2178



23.6714, 26.7933, 15.2891



19.9921, 26.7933, 34.7626

Rectangle

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



27.3496, 26.7933, 49.6291



31.6227, 26.7933, 36.5923



23.6714, 26.7933, 15.2891



20.1657, 26.7933, 22.8317

Sweetspot

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



27.3505, 26.7944, 49.6297



70.5770, 73.0823, 92.5911



34.6355, 42.6941, 47.9586



14.8326, 15.3139, 19.8957



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.3505, 26.7944, 49.6297



43.4024, 41.4142, 87.9108



29.4332, 26.2107, 49.4073



8.6257, 8.9285, 11.3482



6.2700, 2.9997, 31.5016



0.2553, 0.1743, 1.1219

Inverse Universe

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



32.7848, 28.4117, 28.1833



54.7790, 45.0203, 42.9635



37.1932, 44.4550, 28.0939



9.0574, 9.0333, 9.6497



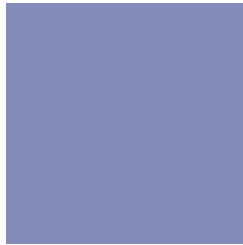
13.7785, 7.0852, 1.4545



0.5030, 0.2567, 0.1424

Previews

White Background



This preview shows how the XYZ color 27.3496, 26.7933, 49.6291 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 27.3496, 26.7933, 49.6291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

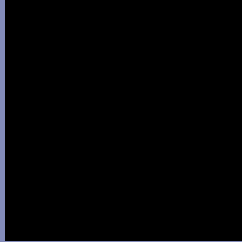
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3496, 26.7933, 49.6291

Background



This preview shows how black text looks on a background with the XYZ color 27.3496, 26.7933, 49.6291.



This preview shows how white text looks on a background with the XYZ color 27.3496, 26.7933,

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

27.3496, 26.7933, 49.6291

Protanopia

27.1883, 26.9261, 49.6632

Deuteranopia

27.3496, 26.7933, 49.6291



Tritanopia

24.4315, 26.7068, 35.3197

Trichromacy



Original Color

27.3496, 26.7933, 49.6291

Protanomaly

27.3410, 27.0048, 49.6704

Deuteranomaly

27.3496, 26.7933, 49.6291

Tritanomaly

25.4004, 26.6480, 40.3641

Monochromacy



Original Color

27.3496, 26.7933, 49.6291

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1777, 26.9216, 36.1644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3496, 26.7933, 49.6291 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(131, 139, 185)` looks like.

```
.text, #text, p{  
    color:rgb(131, 139, 185)  
}
```

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(131, 139, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 139, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.3496, 26.7933, 49.6291 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(131, 139, 185) }
```


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

```
.border{ border-color:rgb(131, 139, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 139, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 139, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 139, 185);  
box-shadow:4px 4px 4px 4px rgb(131, 139,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3496, 26.7933, 49.6291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 139, 185) }
```

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

```
.background{ background-color: rgb(131,  
139, 185) }
```

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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