

Converting Colors

XYZ(27.1615, 31.9169, 41.9215)

Have a look what the booklet for
XYZ(27.1615, 31.9169, 41.9215)
contains.

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Color

**XYZ(27.1099, 31.8203,
41.7589)**

Conversions

Conversions Part 1

Format	Color
Hex	76A0A8
RGB	118, 160, 168
RGB Percent	46%, 63%, 66%
CMY	0.5372, 0.3725, 0.3412
CMYK	0.30, 0.05, 0.00, 0.34
HSL	190°, 22%, 56%
HSV	190°, 30%, 66%
XYZ	27.1099, 31.8203, 41.7589
YIQ	148.3540, -27.6000, -6.4160

Conversions

Conversions Part 2

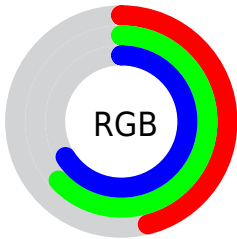
Format	Color
R_{YB}	118, 141, 168
Decimal	7774376
CIE _{Lab}	63.19, -12.22, -8.77
CIE _{LCh}	63, 15.044, 215.649
Yxy	31.8203, 0.2692, 0.3160
Android (android.graphics.Color)	4285964456 (0xFF76A0A8)
YUV	148.3540, 9.6855, -26.6205
Hunter-Lab	56.4095, -12.9311, -4.4047

Details

The XYZ color **27.1099, 31.8203, 41.7589** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.8798, 24.5548, 20.4631**, and the grayscale version is **28.2659, 29.7379, 32.3846**.

A 20% lighter version of the original color is **54.4143, 62.5865, 79.0245**, and **10.8297, 13.1794, 18.4961** is the 20% darker color. If you saturate the color by 10%, you get **24.5679, 29.8265, 41.5086**, and if you desaturate by 10%, it is **30.0702, 34.0463, 42.0331**.

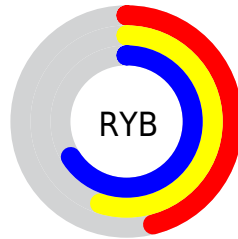
Distribution



Red (46%)

Green (63%)

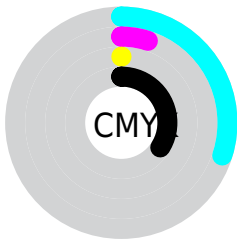
Blue (66%)



Red (46%)

Yellow (55%)

Blue (66%)

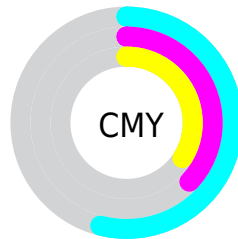


Cyan (30%)

Magenta (5%)

Yellow (0%)

Black (34%)



Cyan (54%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1099, 31.8203, 41.7589 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 27.1099, 31.8203, 41.7589 by changing the saturation by 10% instead.

■ 27.1099, 31.8203,
41.7589

■ 27.1099, 31.8203,
41.7589

280.3467,
310.2998, 369.2526

■ 17.7928, 21.2243,
28.5884

■ 54.4788, 62.5293,
79.1007

■ 10.9001, 13.2880,
18.5268

■ 73.2613, 83.4110,
104.1092

■ 6.0665, 7.6272,
11.1555

■ 95.9297, 108.4901,
133.9006

■ 2.9266, 3.8573,
6.0560

122.8493,
138.1510, 168.8937

■ 1.1151, 1.5941,
2.8098

154.3854,
172.7780, 209.5069

■ 0.0377, 0.3536,
0.9984

190.9034,

■ 0.0000, 0.0000,

212.7555, 256.1587

0.0000

232.7688,
258.4680, 309.2678

■ 27.1099, 31.8203,
41.7589

■ 27.1099, 31.8203,
41.7589

■ 24.5679, 29.8265,
41.5086

■ 30.0702, 34.0463,
42.0331

■ 22.4198, 28.0497,
41.2788

■ 33.4660, 36.5111,
42.3298

■ 20.6428, 26.4791,
41.0693

■ 37.3170, 39.2257,
42.6508

■ 19.2108, 25.1010,
40.8788

■ 41.6408, 42.1992,
42.9969

■ 18.0941, 23.9000,
40.7058

■ 46.4540, 45.4404,
43.3688

■ 17.2576, 22.8579,
40.5488

■ 51.7726, 48.9575,
43.7674

■ 16.6261, 21.9359,
40.4041

■ 57.6115, 52.7584,
44.1933

■ 16.6116, 21.9143,
40.4007

■ 63.9853, 56.8505,
44.6472

■ 65.4880, 58.4472,
44.8762

Harmonies

Analogous

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



26.4370, 31.8203, 35.7863



27.1099, 31.8203, 41.7589



28.6253, 31.8203, 46.1621

Triad

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



27.1099, 31.8203, 41.7589



34.0354, 31.8203, 39.5866



29.8524, 31.8203, 24.4545

Complementary

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



27.1099, 31.8203, 41.7589



26.8798, 24.5548, 20.4631

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.



31.9231, 31.8203, 25.2261



27.1099, 31.8203, 41.7589



34.4005, 31.8203, 33.5319

Square

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



27.1099, 31.8203, 41.7589



32.6351, 31.8203, 44.8107



33.6113, 31.8203, 28.3920



27.9731, 31.8203, 26.1494

Rectangle

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



27.1099, 31.8203, 41.7589



29.9419, 31.8203, 47.3661



33.6113, 31.8203, 28.3920



30.5486, 31.8203, 24.4366

Sweetspot

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



27.1109, 31.8216, 41.7596



61.1210, 66.5345, 76.8461



25.2082, 33.3509, 24.6794



13.1213, 14.3583, 16.7320



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.1109, 31.8216, 41.7596



45.9336, 55.2028, 75.4593



23.2737, 24.1472, 40.4806



7.6439, 8.3247, 9.6223



12.5753, 16.6107, 30.5189



0.3324, 0.4571, 0.7514

Inverse Universe

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



28.9728, 23.8205, 36.3299



49.9557, 38.4548, 63.6104



30.4054, 31.6061, 21.6383



7.7896, 7.6457, 9.2092



15.8480, 7.7479, 19.8090



0.3989, 0.1939, 0.5523

Previews

White Background



This preview shows how the XYZ color 27.1099, 31.8203, 41.7589 looks on a white background.

Color Contrast Check

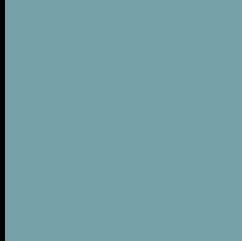
Large Text (above 18pt) WCAG AA × Fail

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 27.1099, 31.8203, 41.7589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

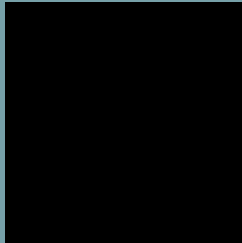
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1099, 31.8203, 41.7589

Background



This preview shows how black text looks on a background with the XYZ color 27.1099, 31.8203, 41.7589.



This preview shows how white text looks on a background with the XYZ color 27.1099, 31.8203,

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

27.1099, 31.8203, 41.7589

Protanopia

30.7880, 31.7762, 39.1611

Deuteranopia

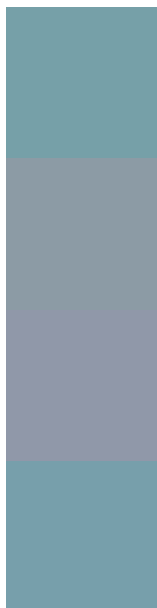
32.1437, 31.4530, 42.4071



Tritanopia

27.4523, 31.6968, 43.7009

Trichromacy



Original Color

27.1099, 31.8203, 41.7589

Protanomaly

29.3281, 31.7348, 40.1770

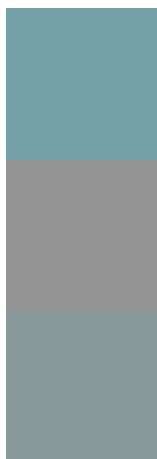
Deuteranomaly

29.8913, 31.2503, 41.9926

Tritanomaly

27.3566, 31.6585, 43.1969

Monochromacy



Original Color

27.1099, 31.8203, 41.7589

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4612, 30.1414, 35.3809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1099, 31.8203, 41.7589 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(118, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(118, 160, 168)  
}
```

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(118, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 160, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.1099, 31.8203, 41.7589 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(118, 160, 168) }
```


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

```
.border{ border-color:rgb(118, 160, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 160, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 160, 168);  
box-shadow:4px 4px 4px 4px rgb(118, 160,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1099, 31.8203, 41.7589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 160, 168) }
```

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

```
.background{ background-color: rgb(118,  
160, 168) }
```

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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