

Converting Colors

XYZ(20.4827, 19.6589, 34.1675)

Have a look what the booklet for
XYZ(20.4827, 19.6589, 34.1675)
contains.

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Color

**XYZ(20.4827, 19.6589,
34.1675)**

Conversions

Conversions Part 1

Format	Color
Hex	79779C
RGB	121, 119, 156
RGB Percent	47%, 47%, 61%
CMY	0.5255, 0.5333, 0.3882
CMYK	0.22, 0.24, 0.00, 0.39
HSL	243°, 16%, 54%
HSV	243°, 24%, 61%
XYZ	20.4827, 19.6589, 34.1675
YIQ	123.8160, -10.6850, 11.9310

Conversions

Conversions Part 2

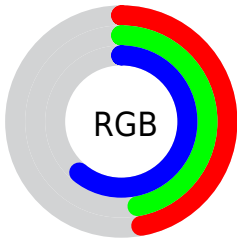
Format	Color
R_{YB}	121, 119, 156
Decimal	7960476
CIE _{Lab}	51.45, 9.04, -19.62
CIE _{LCh}	51, 21.599, 294.739
Yxy	19.6589, 0.2756, 0.2646
Android (android.graphics.Color)	4286150556 (0xFF79779C)
YUV	123.8160, 15.8667, -2.4696
Hunter-Lab	44.3384, 4.8683, -14.6525

Details

The XYZ color **20.4827, 19.6589, 34.1675** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.5454, 31.9794, 22.1218**, and the grayscale version is **19.0489, 20.0409, 21.8246**.

A 20% lighter version of the original color is **43.7763, 42.8276, 67.5873**, and **7.4755, 6.9041, 14.3032** is the 20% darker color. If you saturate the color by 10%, you get **16.8641, 15.2603, 33.5095**, and if you desaturate by 10%, it is **24.7237, 24.8317, 34.9428**.

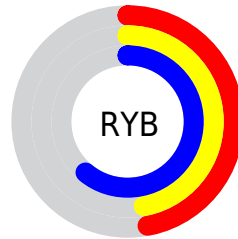
Distribution



Red (47%)

Green (47%)

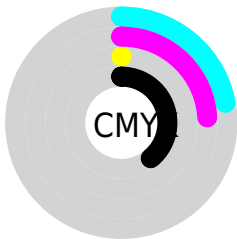
Blue (61%)



Red (47%)

Yellow (47%)

Blue (61%)

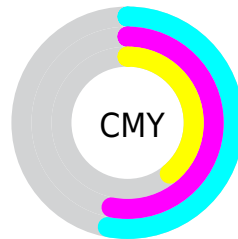


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4827, 19.6589, 34.1675 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 20.4827, 19.6589, 34.1675 by changing the saturation by 10% instead.

■ 20.4827, 19.6589,
34.1675

■ 20.4827, 19.6589,
34.1675

247.3005,
250.0625, 335.6702

■ 12.8567, 12.1473,
22.7439

■ 43.7228, 42.8446,
67.3309

■ 7.4063, 6.8441,
14.2010

■ 60.0676, 59.2875,
89.9078

■ 3.7660, 3.3648,
8.1203

■ 80.0494, 79.4762,
117.0396

■ 1.5706, 1.3250,
4.0831

104.0335,
103.7953, 149.1448

■ 0.3732, 0.1605,
1.6711

132.3853,
132.6291, 186.6419

■ 0.0000, 0.0000,
0.3408

165.4702,

■ 0.0000, 0.0000,

166.3620, 229.9495

0.0000

203.6535,
205.3783, 279.4861

■ 20.4827, 19.6589,
34.1675

■ 20.4827, 19.6589,
34.1675

■ 16.8641, 15.2603,
33.5095

■ 24.7237, 24.8317,
34.9428

■ 13.8369, 11.5964,
32.9619

■ 29.6125, 30.8110,
35.8392

■ 11.3701, 8.6278,
32.5189

■ 35.1753, 37.6299,
36.8622

■ 9.4292, 6.3107,
32.1739

■ 41.4363, 45.3192,
38.0164

■ 7.9761, 4.5958,
31.9195

■ 48.4188, 53.9082,
39.3062

6.9671, 3.4274,
31.7472

56.1445, 63.4245,
40.7359

6.3511, 2.7388,
31.6467

64.6346, 73.8948,
42.3094

6.1063, 2.4547,
31.6048

73.9093, 85.3447,
44.0306

82.5671, 94.9568,
45.4296

Harmonies

Analogous

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



18.3059, 19.6589, 35.6138



20.4827, 19.6589, 34.1675



22.2961, 19.6589, 29.0554

Triad

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



20.4827, 19.6589, 34.1675



21.1940, 19.6589, 13.0688



14.8375, 19.6589, 20.3300

Complementary

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



20.4827, 19.6589, 34.1675



28.5454, 31.9794, 22.1218

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.



15.4869, 19.6589, 15.2316



20.4827, 19.6589, 34.1675



19.0697, 19.6589, 11.5897

Square

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



20.4827, 19.6589, 34.1675



22.7285, 19.6589, 16.7919



16.9961, 19.6589, 12.2974



15.1523, 19.6589, 26.7943

Rectangle

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



20.4827, 19.6589, 34.1675



22.9977, 19.6589, 24.7006



16.9961, 19.6589, 12.2974



14.9486, 19.6589, 18.4168

Sweetspot

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



20.4833, 19.6597, 34.1679



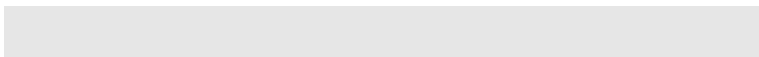
50.6101, 52.0759, 64.5110



25.1895, 29.4835, 35.8161



11.0317, 11.3308, 14.1760



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.4833, 19.6597, 34.1679



33.8855, 31.6705, 61.4538



23.3043, 21.1139, 34.3000



6.3163, 6.4515, 8.3190



5.0393, 2.0269, 26.0329



0.0987, 0.0407, 0.4659

Inverse Universe

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



26.1405, 22.5955, 33.5564



45.8494, 37.8805, 60.1007



25.3154, 30.3143, 21.9706



6.8887, 6.7484, 8.2649



15.6723, 7.5735, 23.5892



0.2844, 0.1371, 0.4440

Previews

White Background



This preview shows how the XYZ color 20.4827, 19.6589, 34.1675 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 20.4827, 19.6589, 34.1675 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 20.4827, 19.6589, 34.1675

Background



This preview shows how black text looks on a background with the XYZ color 20.4827, 19.6589, 34.1675.



This preview shows how white text looks on a background with the XYZ color 20.4827, 19.6589,

34.1675.

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

20.4827, 19.6589, 34.1675

Protanopia

19.8190, 19.6541, 35.0968

Deuteranopia

20.0533, 19.6151, 34.1817



Tritanopia

18.6527, 19.6413, 24.9983

Trichromacy



Original Color

20.4827, 19.6589, 34.1675

Protanomaly

20.0047, 19.5803, 34.6233

Deuteranomaly

20.1884, 19.6848, 34.1880

Tritanomaly

19.2385, 19.6937, 27.9866

Monochromacy



Original Color

20.4827, 19.6589, 34.1675

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5718, 19.9076, 26.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4827, 19.6589, 34.1675 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, 119, 156)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 156)  
}
```

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, 119, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 156) }
```

Border

The CSS property to change the border of an element to XYZ 20.4827, 19.6589, 34.1675 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, 119, 156) }
```


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

```
.border{ border-color:rgb(121, 119, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 119, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 119, 156); box-shadow:4px 4px 4px 4px rgb(121, 119, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4827, 19.6589, 34.1675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 156) }
```

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

```
.background{ background-color: rgb(121,  
119, 156) }
```

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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