

Converting Colors

XYZ(20.1880, 16.4829, 26.8020)

Have a look what the booklet for
XYZ(20.1880, 16.4829, 26.8020)
contains.

XYZ(20.1800, 16.4799, 26.9283)	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(20.1800, 16.4799,
26.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	8D638C
RGB	141, 99, 140
RGB Percent	55%, 39%, 55%
CMY	0.4471, 0.6118, 0.4510
CMYK	0.00, 0.30, 0.01, 0.45
HSL	301°, 17%, 47%
HSV	301°, 30%, 55%
XYZ	20.1800, 16.4799, 26.9283
YIQ	116.2320, 11.8710, 21.6550

Conversions

Conversions Part 2

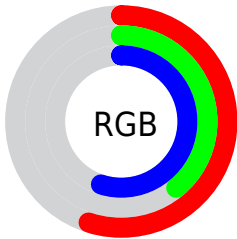
Format	Color
R_{YB}	141, 99, 140
Decimal	9266060
CIE _{Lab}	47.60, 24.16, -15.89
CIE _{LCh}	48, 28.912, 326.666
Yxy	16.4799, 0.3174, 0.2592
Android (android.graphics.Color)	4287456140 (0xFF8D638C)
YUV	116.2320, 11.7176, 21.7215
Hunter-Lab	40.5954, 17.6903, -10.9122

Details

The XYZ color **20.1800, 16.4799, 26.9283** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.9714, 22.6231, 15.5298**, and the grayscale version is **16.6347, 17.5010, 19.0586**.

A 20% lighter version of the original color is **43.1496, 37.3098, 55.9662**, and **7.2457, 5.2795, 10.3100** is the 20% darker color. If you saturate the color by 10%, you get **18.9345, 14.0282, 26.3913**, and if you desaturate by 10%, it is **21.6598, 19.3996, 27.5441**.

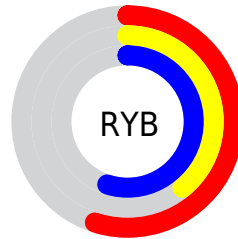
Distribution



Red (55%)

Green (39%)

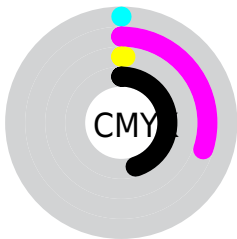
Blue (55%)



Red (55%)

Yellow (39%)

Blue (55%)

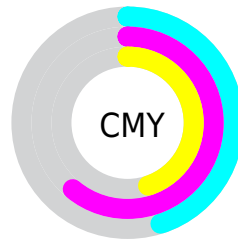


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1800, 16.4799, 26.9283 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 20.1800, 16.4799, 26.9283 by changing the saturation by 10% instead.

■ 20.1800, 16.4799,
26.9283

■ 20.1800, 16.4799,
26.9283

245.7029,
232.1571, 301.0590

■ 12.6350, 9.8644,
17.2874

■ 43.2204, 37.4294,
55.7711

■ 7.2529, 5.3091,
10.2755

■ 59.4465, 52.5321,
75.8102

■ 3.6685, 2.4298,
5.4740

■ 79.2970, 71.2326,
100.1523

■ 1.5164, 0.8411,
2.4644

■ 103.1372, 93.9155,
129.2161

■ 0.3369, 0.0000,
0.8212

131.3326,
120.9649, 163.4202

■ 0.0000, 0.0000,
0.0000

164.2484,

152.7654, 203.1830

202.2501,
189.7013, 248.9231

■ 20.1800, 16.4799,
26.9283

■ 20.1800, 16.4799,
26.9283

■ 18.9345, 14.0282,
26.3913

■ 21.6598, 19.3996,
27.5441

■ 17.9097, 12.0180,
25.9281

■ 23.3837, 22.8076,
28.2415

■ 17.0929, 10.4237,
25.5346

■ 25.3627, 26.7256,
29.0243

■ 16.4694, 9.2159,
25.2058

■ 27.6067, 31.1735,
29.8958

■ 16.0227, 8.3617,
24.9364

■ 30.1251, 36.1700,
30.8591

■ 15.7336, 7.8224,
24.7199

■ 32.9267, 41.7330,
31.9172

■ 15.5501, 7.4942,
24.5390

■ 36.0201, 47.8794,
33.0730

■ 15.5463, 7.4874,
24.5352

■ 39.4135, 54.6257,
34.3291

■ 43.1147, 61.9874,
35.6882

Harmonies

Analogous

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



17.9949, 16.4799, 33.8515



20.1800, 16.4799, 26.9283



21.1506, 16.4799, 18.7819

Triad

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



20.1800, 16.4799, 26.9283



15.9536, 16.4799, 7.1765



11.6390, 16.4799, 25.0975

Complementary

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



20.1800, 16.4799, 26.9283



16.9714, 22.6231, 15.5298

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.



11.2186, 16.4799, 17.1310



20.1800, 16.4799, 26.9283



13.5430, 16.4799, 8.0136

Square

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



20.1800, 16.4799, 26.9283



18.5480, 16.4799, 8.5056



11.8771, 16.4799, 11.2196



13.0950, 16.4799, 32.6069

Rectangle

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



20.1800, 16.4799, 26.9283



20.9074, 16.4799, 14.1731



11.8771, 16.4799, 11.2196



11.3793, 16.4799, 22.3302

Sweetspot

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



20.1805, 16.4806, 26.9287



42.0729, 41.2338, 50.6539



14.4928, 13.5399, 27.0493



9.3011, 9.0198, 11.2753



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.1805, 16.4806, 26.9287



34.5378, 26.3598, 47.5375



18.7948, 15.9263, 19.6316



5.6208, 5.5088, 6.7671



14.1760, 6.8274, 22.3757



0.1367, 0.0657, 0.2199

Inverse Universe

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



20.1805, 16.4806, 26.9287



34.5378, 26.3598, 47.5375



18.1039, 23.0761, 21.4935



5.6208, 5.5088, 6.7671



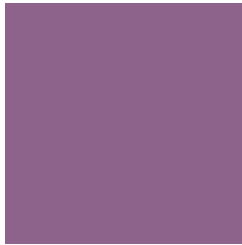
14.1760, 6.8274, 22.3757



0.1367, 0.0657, 0.2199

Previews

White Background



This preview shows how the XYZ color 20.1800, 16.4799, 26.9283 looks on a white background.

Color Contrast Check

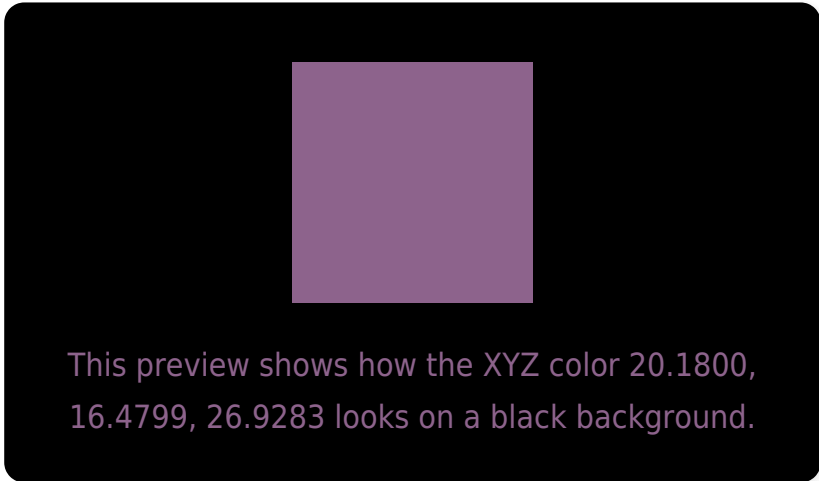
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 20.1800, 16.4799, 26.9283

Background



This preview shows how black text looks on a background with the XYZ color 20.1800, 16.4799, 26.9283.



This preview shows how white text looks on a background with the XYZ color 20.1800, 16.4799,

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

20.1800, 16.4799, 26.9283

Protanopia

16.8125, 16.6418, 30.7599

Deuteranopia

16.9540, 16.6486, 26.3647



Tritanopia

18.1915, 16.3888, 17.5338

Trichromacy



Original Color

20.1800, 16.4799, 26.9283

Protanomaly

17.7821, 16.3726, 29.4171

Deuteranomaly

18.0863, 16.5904, 26.6751

Tritanomaly

18.7455, 16.3112, 20.5727

Monochromacy



Original Color

20.1800, 16.4799, 26.9283

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7350, 16.9925, 21.7472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1800, 16.4799, 26.9283 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(141, 99, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 99, 140)  
}
```

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(141, 99, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 99, 140) }
```

Border

The CSS property to change the border of an element to XYZ 20.1800, 16.4799, 26.9283 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(141, 99, 140) }
```


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

```
.border{ border-color:rgb(141, 99, 140) }
```

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

Here you see how a box with a 4 pixel rgb(141, 99, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 99, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 99, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 99,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1800, 16.4799, 26.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 99, 140) }
```

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

```
.background{ background-color: rgb(141, 99,  
140) }
```

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