

Converting Colors

XYZ(19.9889, 16.8429, 25.5768)

Have a look what the booklet for
XYZ(19.9889, 16.8429, 25.5768)
contains.

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Color

**XYZ(20.0105, 16.8558,
25.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6688
RGB	140, 102, 136
RGB Percent	55%, 40%, 53%
CMY	0.4510, 0.6000, 0.4667
CMYK	0.00, 0.27, 0.03, 0.45
HSL	306°, 16%, 47%
HSV	306°, 27%, 55%
XYZ	20.0105, 16.8558, 25.4914
YIQ	117.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

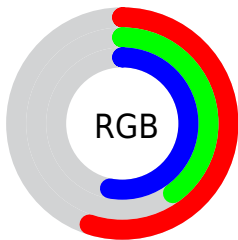
Format	Color
R_{YB}	140, 102, 136
Decimal	9201288
CIE _{Lab}	48.08, 21.25, -12.79
CIE _{LCh}	48, 24.800, 328.964
Yxy	16.8558, 0.3209, 0.2703
Android (android.graphics.Color)	4287391368 (0xFF8C6688)
YUV	117.2380, 9.2497, 19.9623
Hunter-Lab	41.0558, 15.1528, -8.0739

Details

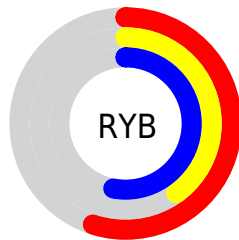
The XYZ color **20.0105, 16.8558, 25.4914** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.4598, 22.6220, 17.0829**, and the grayscale version is **16.9524, 17.8353, 19.4226**.

A 20% lighter version of the original color is **42.8247, 37.9259, 53.2074**, and **7.1187, 5.4341, 9.4778** is the 20% darker color. If you saturate the color by 10%, you get **18.6453, 14.2915, 24.5233**, and if you desaturate by 10%, it is **21.6106, 19.8869, 26.5453**.

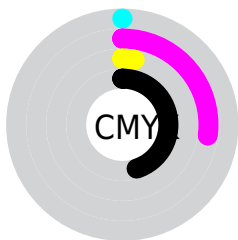
Distribution



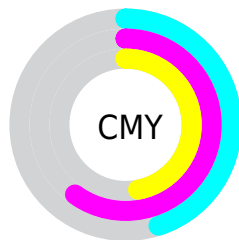
- Red (55%)
- Green (40%)
- Blue (53%)



- Red (55%)
- Yellow (40%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0105, 16.8558, 25.4914 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 20.0105, 16.8558, 25.4914 by changing the saturation by 10% instead.

■ 20.0105, 16.8558,
25.4914

■ 20.0105, 16.8558,
25.4914

244.8044,
234.3400, 293.8020

■ 12.5110, 10.1317,
16.2212

■ 42.9386, 38.0777,
53.4273

■ 7.1673, 5.4864,
9.5248

■ 59.0979, 53.3443,
72.9300

■ 3.6142, 2.5354,
4.9836

■ 78.8745, 72.2272,
96.6807

■ 1.4863, 0.8943,
2.1790

■ 102.6337, 95.1108,
125.0979

■ 0.3165, 0.0000,
0.6622

130.7410,
122.3795, 158.6000

■ 0.0000, 0.0000,
0.0000

163.5616,

154.4176, 197.6057

201.4610,
191.6097, 242.5336

■ 20.0105, 16.8558,
25.4914

■ 20.0105, 16.8558,
25.4914

■ 18.6453, 14.2915,
24.5233

■ 21.6106, 19.8869,
26.5453

■ 17.5016, 12.1685,
23.6359

■ 23.4548, 23.4043,
27.6875

■ 16.5675, 10.4620,
22.8254

■ 25.5539, 27.4291,
28.9219

■ 15.8288, 9.1443,
22.0871

■ 27.9175, 31.9804,
30.2516

■ 15.2699, 8.1839,
21.4157

■ 30.5545, 37.0764,
31.6796

■ 14.8728, 7.5447,
20.8052

■ 33.4738, 42.7345,
33.2090

■ 14.6043, 7.1606,
20.2445

■ 36.6835, 48.9711,
34.8425

■ 14.5338, 7.0629,
20.0875

■ 40.1916, 55.8022,
36.5827

■ 44.0058, 63.2429,
38.4323

Harmonies

Analogous

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



18.2030, 16.8558, 31.4296



20.0105, 16.8558, 25.4914



20.7348, 16.8558, 18.5775

Triad

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



20.0105, 16.8558, 25.4914



16.0991, 16.8558, 8.5616



12.5340, 16.8558, 25.0125

Complementary

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



20.0105, 16.8558, 25.4914



17.4598, 22.6220, 17.0829

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.



12.0818, 16.8558, 18.1305



20.0105, 16.8558, 25.4914



14.0206, 16.8558, 9.5242

Square

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



20.0105, 16.8558, 25.4914



18.3506, 16.8558, 9.6693



12.6004, 16.8558, 12.6898



13.8973, 16.8558, 31.1108

Rectangle

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



20.0105, 16.8558, 25.4914



20.4587, 16.8558, 14.6225



12.6004, 16.8558, 12.6898



12.2763, 16.8558, 22.6697

Sweetspot

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



20.0110, 16.8565, 25.4918



40.9971, 40.5845, 48.5997



15.4059, 14.4491, 26.7881



9.3391, 9.1460, 11.1331



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.



20.0110, 16.8565, 25.4918



33.6565, 26.6642, 43.8071



18.7898, 16.3681, 19.0611



5.2116, 5.1201, 6.2025



12.9181, 6.2774, 17.8709



0.0888, 0.0429, 0.1346

Inverse Universe

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



20.0110, 16.8565, 25.4918



33.6565, 26.6642, 43.8071



18.5471, 23.0569, 22.8086



5.2116, 5.1201, 6.2025



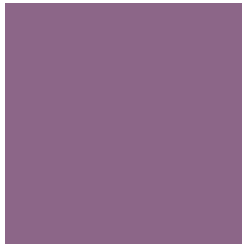
12.9181, 6.2774, 17.8709



0.0888, 0.0429, 0.1346

Previews

White Background



This preview shows how the XYZ color 20.0105, 16.8558, 25.4914 looks on a white background.

Color Contrast Check

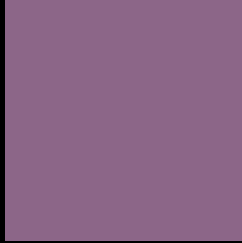
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.0105, 16.8558, 25.4914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

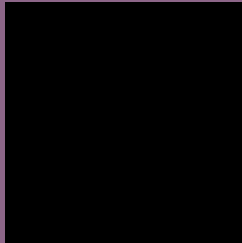
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.0105, 16.8558, 25.4914

Background



This preview shows how black text looks on a background with the XYZ color 20.0105, 16.8558, 25.4914.



This preview shows how white text looks on a background with the XYZ color 20.0105, 16.8558,

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

20.0105, 16.8558, 25.4914

Protanopia

17.0026, 16.9497, 28.7610

Deuteranopia

17.2997, 17.0226, 24.9281



Tritanopia

18.5078, 16.8413, 18.1948

Trichromacy



Original Color

20.0105, 16.8558, 25.4914

Protanomaly

17.8841, 16.7823, 27.4960

Deuteranomaly

18.1932, 16.8344, 25.2121

Tritanomaly

19.0457, 16.9116, 20.6728

Monochromacy



Original Color

20.0105, 16.8558, 25.4914

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.8897, 17.4036, 21.4851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0105, 16.8558, 25.4914 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(140, 102, 136)` looks like.

```
.text, #text, p{  
    color:rgb(140, 102, 136)  
}
```

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(140, 102, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 102, 136) }
```

Border

The CSS property to change the border of an element to XYZ 20.0105, 16.8558, 25.4914 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(140, 102, 136) }
```


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

```
.border{ border-color:rgb(140, 102, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 102, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 102, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 102, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 102,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0105, 16.8558, 25.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 102, 136) }
```

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

```
.background{ background-color: rgb(140,  
102, 136) }
```

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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