

Converting Colors

XYZ(19.2116, 16.8604, 20.1182)

Have a look what the booklet for
XYZ(19.2116, 16.8604, 20.1182)
contains.

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Color

**XYZ(19.1557, 16.8321,
20.0086)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6878
RGB	140, 104, 120
RGB Percent	55%, 41%, 47%
CMY	0.4510, 0.5921, 0.5294
CMYK	0.00, 0.26, 0.14, 0.45
HSL	333°, 15%, 48%
HSV	333°, 26%, 55%
XYZ	19.1557, 16.8321, 20.0086
YIQ	116.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

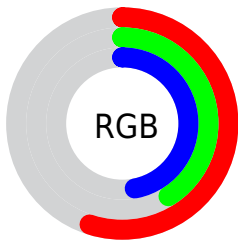
Format	Color
R_{YB}	140, 104, 120
Decimal	9201784
CIE _{Lab}	48.05, 17.08, -3.28
CIE _{LCh}	48, 17.394, 349.136
Yxy	16.8321, 0.3421, 0.3006
Android (android.graphics.Color)	4287391864 (0xFF8C6878)
YUV	116.5880, 1.6821, 20.5323
Hunter-Lab	41.0269, 11.5455, -0.1965

Details

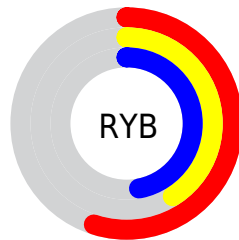
The XYZ color **19.1557, 16.8321, 20.0086** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.7258, 23.1549, 22.5522**, and the grayscale version is **16.7730, 17.6465, 19.2171**.

A 20% lighter version of the original color is **41.4159, 37.8906, 44.1605**, and **6.7037, 5.4201, 6.8237** is the 20% darker color. If you saturate the color by 10%, you get **17.4088, 14.0632, 17.1911**, and if you desaturate by 10%, it is **21.1759, 20.0858, 23.1068**.

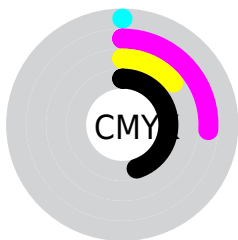
Distribution



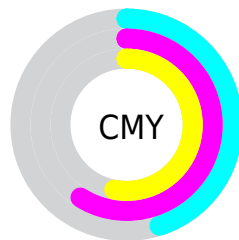
- Red (55%)
- Green (41%)
- Blue (47%)



- Red (55%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1557, 16.8321, 20.0086 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 19.1557, 16.8321, 20.0086 by changing the saturation by 10% instead.

■ 19.1557, 16.8321,
20.0086

■ 19.1557, 16.8321,
20.0086

240.2286,
234.2030, 264.5674

■ 11.8875, 10.1149,
12.2172

■ 41.5119, 38.0369,
44.2908

■ 6.7388, 5.4752,
6.7674

■ 57.3306, 53.2932,
61.6186

■ 3.3441, 2.5287,
3.2408

■ 76.7301, 72.1646,
82.9622

■ 1.3383, 0.8909,
1.2189

■ 100.0759, 95.0357,
108.7403

■ 0.2116, 0.0000,
0.0000

127.7333,
122.2906, 139.3713

■ 0.0000, 0.0000,
0.0000

160.0677,

154.3139, 175.2738

197.4443,
191.4898, 216.8663

■ 19.1557, 16.8321,
20.0086

■ 19.1557, 16.8321,
20.0086

■ 17.4088, 14.0632,
17.1911

■ 21.1759, 20.0858,
23.1068

■ 15.9213, 11.7533,
14.6447

■ 23.4796, 23.8440,
26.4928

■ 14.6802, 9.8779,
12.3606

■ 26.0782, 28.1277,
30.1749

■ 13.6709, 8.4090,
10.3290

■ 28.9819, 32.9564,
34.1605

■ 12.8767, 7.3154,
8.5394

■ 32.2008, 38.3485,
38.4568

■ 12.2791, 6.5614,
6.9802

■ 35.7440, 44.3214,
43.0709

■ 11.8507, 6.0939,
5.6369

■ 39.6206, 50.8918,
48.0093

■ 11.6908, 5.9257,
5.1163

■ 43.8392, 58.0760,
53.2786

■ 48.4081, 65.8892,
58.8851

Harmonies

Analogous

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



18.3960, 16.8321, 24.5975



19.1557, 16.8321, 20.0086



19.0287, 16.8321, 15.6325

Triad

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



19.1557, 16.8321, 20.0086



15.0275, 16.8321, 11.3026



14.1004, 16.8321, 25.6879

Complementary

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



19.1557, 16.8321, 20.0086



18.7258, 23.1549, 22.5522

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.



13.3082, 16.8321, 21.3153



19.1557, 16.8321, 20.0086



13.8188, 16.8321, 13.2249

Square

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



19.1557, 16.8321, 20.0086



16.5752, 16.8321, 11.0700



13.2086, 16.8321, 16.7429



15.4352, 16.8321, 28.2159

Rectangle

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



19.1557, 16.8321, 20.0086



18.4604, 16.8321, 13.3866



13.2086, 16.8321, 16.7429



13.7656, 16.8321, 24.3548

Sweetspot

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



19.1562, 16.8329, 20.0090



40.3502, 40.3257, 45.1935



17.9679, 16.0651, 26.9651



9.1660, 9.0768, 10.2215



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.



19.1562, 16.8329, 20.0090



31.8862, 26.6757, 32.2664



18.4480, 16.8426, 15.3762



5.1192, 5.0831, 5.7161



10.3974, 5.2691, 4.5969



0.0763, 0.0379, 0.0684

Inverse Universe

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



19.1562, 16.8329, 20.0090



31.8862, 26.6757, 32.2664



19.5603, 23.0714, 28.2335



5.1192, 5.0831, 5.7161



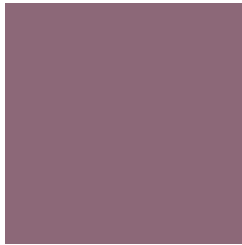
10.3974, 5.2691, 4.5969



0.0763, 0.0379, 0.0684

Previews

White Background



This preview shows how the XYZ color 19.1557, 16.8321, 20.0086 looks on a white background.

Color Contrast Check

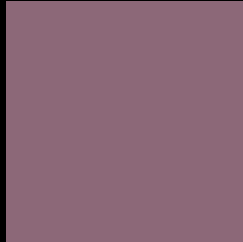
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1557, 16.8321, 20.0086 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 19.1557, 16.8321, 20.0086

Background



This preview shows how black text looks on a background with the XYZ color 19.1557, 16.8321, 20.0086.



This preview shows how white text looks on a background with the XYZ color 19.1557, 16.8321,

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

19.1557, 16.8321, 20.0086

Protanopia

16.5933, 17.0517, 22.1554

Deuteranopia

17.1826, 16.9117, 19.8114



Tritanopia

18.6797, 16.7844, 17.8780

Trichromacy



Original Color

19.1557, 16.8321, 20.0086

Protanomaly

17.3824, 16.8181, 21.3988

Deuteranomaly

17.7456, 16.7242, 19.7456

Tritanomaly

18.8514, 16.8531, 18.7824

Monochromacy



Original Color

19.1557, 16.8321, 20.0086

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.5216, 17.2563, 19.5469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1557, 16.8321, 20.0086 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, 104, 120)` looks like.

```
.text, #text, p{  
    color:rgb(140, 104, 120)  
}
```

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, 104, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 104, 120) }
```

Border

The CSS property to change the border of an element to XYZ 19.1557, 16.8321, 20.0086 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, 104, 120) }
```


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

```
.border{ border-color:rgb(140, 104, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 104, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 104, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 104, 120);  
box-shadow:4px 4px 4px 4px rgb(140, 104,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1557, 16.8321, 20.0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 104, 120) }
```

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

```
.background{ background-color: rgb(140,  
104, 120) }
```

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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