

Converting Colors

XYZ(20.9290, 17.0469, 16.4458)

Have a look what the booklet for
XYZ(20.9290, 17.0469, 16.4458)
contains.

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Color

**XYZ(20.8789, 17.0743,
16.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	9C636C
RGB	156, 99, 108
RGB Percent	61%, 39%, 42%
CMY	0.3882, 0.6117, 0.5765
CMYK	0.00, 0.37, 0.31, 0.39
HSL	351°, 22%, 50%
HSV	351°, 37%, 61%
XYZ	20.8789, 17.0743, 16.3826
YIQ	117.0690, 31.0830, 14.8830

Conversions

Conversions Part 2

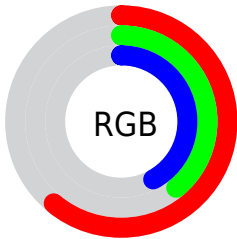
Format	Color
R_{YB}	156, 99, 108
Decimal	10249068
CIE _{Lab}	48.35, 24.30, 4.58
CIE _{LCh}	48, 24.731, 10.672
Yxy	17.0743, 0.3843, 0.3142
Android (android.graphics.Color)	4288439148 (0xFF9C636C)
YUV	117.0690, -4.4710, 34.1425
Hunter-Lab	41.3211, 17.8815, 5.4180

Details

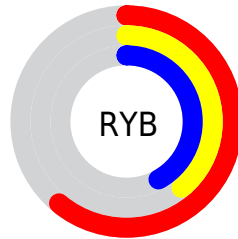
The XYZ color **20.8789, 17.0743, 16.3826** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3013, 28.5365, 31.9379**, and the grayscale version is **16.9370, 17.8190, 19.4049**.

A 20% lighter version of the original color is **44.3157, 38.3129, 37.8603**, and **7.6196, 5.5881, 5.0919** is the 20% darker color. If you saturate the color by 10%, you get **18.8939, 14.1402, 12.5274**, and if you desaturate by 10%, it is **23.2557, 20.6232, 20.8886**.

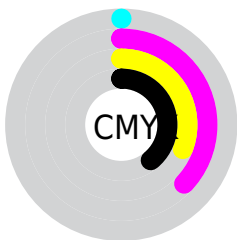
Distribution



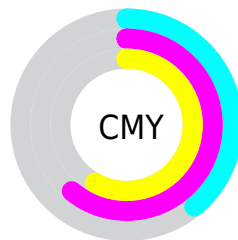
- Red (61%)
- Green (39%)
- Blue (42%)



- Red (61%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (31%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8789, 17.0743, 16.3826 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 20.8789, 17.0743, 16.3826 by changing the saturation by 10% instead.

■ 20.8789, 17.0743,
16.3826

■ 20.8789, 17.0743,
16.3826

249.3781,
235.6002, 243.5112

■ 13.1475, 10.2875,
9.6380

■ 44.3787, 38.4535,
38.0371

■ 7.6079, 5.5900,
5.0572

■ 60.8778, 53.8146,
53.7842

■ 3.8948, 2.5974,
2.2215

■ 81.0301, 72.8027,
73.3691

■ 1.6428, 0.9254,
0.6867

■ 105.2011, 95.8020,
97.2105

■ 0.4200, 0.0000,
0.0000

133.7560,
123.1970, 125.7269

■ 0.0000, 0.0000,
0.0000

167.0602,

155.3721, 159.3367

205.4792,
192.7117, 198.4587

■ 20.8789, 17.0743,
16.3826

■ 20.8789, 17.0743,
16.3826

■ 18.8939, 14.1402,
12.5274

■ 23.2557, 20.6232,
20.8886

■ 17.2782, 11.7835,
9.2918

■ 26.0425, 24.8165,
26.0728

■ 16.0089, 9.9667,
6.6434


■ 29.2580, 29.6850,
31.9619


■ 15.0601, 8.6467,
4.5465


■ 32.9194, 35.2566,
38.5812


■ 14.4021, 7.7738,
2.9614


■ 37.0429, 41.5577,
45.9546


 13.9929, 7.2748,
1.8405

 41.6440, 48.6135,
54.1048

 13.8818, 7.1365,
1.5444

 46.7371, 56.4478,
63.0537

 52.3365, 65.0833,
72.8223

 58.4556, 74.5420,
83.4308

Harmonies

Analogous

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



20.6790, 17.0743, 23.0165



20.8789, 17.0743, 16.3826



19.7485, 17.0743, 11.6090

Triad

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



20.8789, 17.0743, 16.3826



13.5608, 17.0743, 10.6664



14.8339, 17.0743, 32.9622

Complementary

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



20.8789, 17.0743, 16.3826



22.3013, 28.5365, 31.9379

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.



13.1540, 17.0743, 27.9269



20.8789, 17.0743, 16.3826



12.4675, 17.0743, 14.7726

Square

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



20.8789, 17.0743, 16.3826



15.4380, 17.0743, 8.8550



12.3258, 17.0743, 20.9895



17.0458, 17.0743, 33.6787

Rectangle

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



20.8789, 17.0743, 16.3826



18.4489, 17.0743, 9.7226



12.3258, 17.0743, 20.9895



14.1940, 17.0743, 31.6717

Sweetspot

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



20.8794, 17.0751, 16.3829



50.3076, 49.6204, 52.8817



22.4063, 17.4818, 33.6459



10.9114, 10.6788, 11.3459



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.



20.8794, 17.0751, 16.3829



34.8695, 26.4955, 23.8396



22.4414, 20.9264, 14.6618



6.6736, 6.6624, 7.1325



11.4432, 5.8818, 1.3189



0.2152, 0.1094, 0.0791

Inverse Universe

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



20.8794, 17.0751, 16.3829



34.8695, 26.4955, 23.8396



20.0927, 22.9449, 34.8223



6.6736, 6.6624, 7.1325



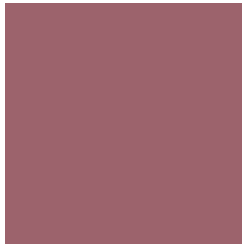
11.4432, 5.8818, 1.3189



0.2152, 0.1094, 0.0791

Previews

White Background



This preview shows how the XYZ color 20.8789, 17.0743, 16.3826 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 20.8789, 17.0743, 16.3826 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 20.8789, 17.0743, 16.3826

Background



This preview shows how black text looks on a background with the XYZ color 20.8789, 17.0743, 16.3826.



This preview shows how white text looks on a background with the XYZ color 20.8789, 17.0743,

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

20.8789, 17.0743, 16.3826

Protanopia

16.6777, 17.3277, 19.2952

Deuteranopia

17.4919, 17.1553, 16.0251



Tritanopia

20.8260, 17.0531, 16.1039

Trichromacy



Original Color

20.8789, 17.0743, 16.3826

Protanomaly

17.8660, 16.9775, 18.2549

Deuteranomaly

18.5590, 17.0659, 16.2258

Tritanomaly

20.8260, 17.0531, 16.1039

Monochromacy



Original Color

20.8789, 17.0743, 16.3826

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.9733, 17.1921, 18.2907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8789, 17.0743, 16.3826 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(156, 99, 108)` looks like.

```
.text, #text, p{  
    color:rgb(156, 99, 108)  
}
```

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(156, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 99, 108) }
```

Border

The CSS property to change the border of an element to XYZ 20.8789, 17.0743, 16.3826 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(156, 99, 108) }
```


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

```
.border{ border-color:rgb(156, 99, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 99, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 99, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 99, 108);  
box-shadow:4px 4px 4px 4px rgb(156, 99,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8789, 17.0743, 16.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 99, 108) }
```

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

```
.background{ background-color: rgb(156, 99,  
108) }
```

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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