

Converting Colors

XYZ(20.3626, 17.5863, 16.8821)

Have a look what the booklet for
XYZ(20.3626, 17.5863, 16.8821)
contains.

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Color

**XYZ(20.2883, 17.4888,
16.7744)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 96686D |
| RGB | 150, 104, 109 |
| RGB Percent | 59%, 41%, 43% |
| CMY | 0.4118, 0.5921, 0.5725 |
| CMYK | 0.00, 0.31, 0.27, 0.41 |
| HSL | 353°, 18%, 50% |
| HSV | 353°, 31%, 59% |
| XYZ | 20.2883, 17.4888, 16.7744 |
| YIQ | 118.3240, 25.8110, 11.3070 |

Conversions

Conversions Part 2

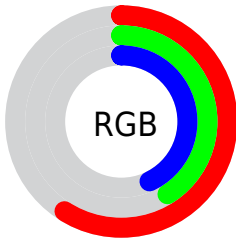
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 150, 104, 109 |
| Decimal | 9857133 |
| CIE _{Lab} | 48.87, 19.20, 4.63 |
| CIE _{LCh} | 49, 19.755, 13.552 |
| Yxy | 17.4888, 0.3719, 0.3206 |
| Android (android.graphics.Color) | 4288047213 (0xFF96686D) |
| YUV | 118.3240, -4.5967, 27.7799 |
| Hunter-Lab | 41.8196, 13.4129, 5.4917 |

Details

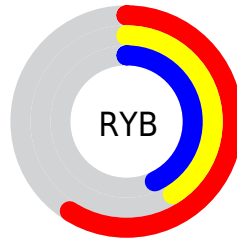
The XYZ color **20.2883, 17.4888, 16.7744** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7268, 26.8004, 30.8172**, and the grayscale version is **17.3302, 18.2327, 19.8554**.

A 20% lighter version of the original color is **43.4105, 39.2941, 38.5543**, and **7.3207, 5.7728, 5.2859** is the 20% darker color. If you saturate the color by 10%, you get **18.2447, 14.4672, 12.8082**, and if you desaturate by 10%, it is **22.7109, 21.0930, 21.4076**.

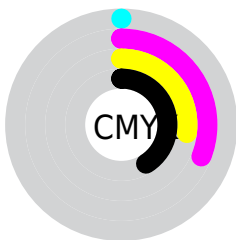
Distribution



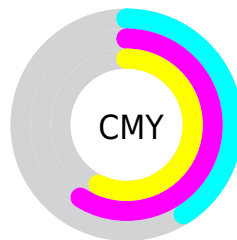
- Red (59%)
- Green (41%)
- Blue (43%)



- Red (59%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (41%)



- Cyan (41%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2883, 17.4888, 16.7744 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 20.2883, 17.4888, 16.7744 by changing the saturation by 10% instead.

■ 20.2883, 17.4888,
16.7744

■ 20.2883, 17.4888,
16.7744

246.2755,
237.9737, 245.8687

■ 12.7143, 10.5836,
9.9135

■ 43.4003, 39.1643,
38.7228

■ 7.3077, 5.7876,
5.2368

■ 59.6689, 54.7034,
54.6474

■ 3.7033, 2.7164,
2.3257

■ 79.5665, 73.8892,
74.4303

■ 1.5357, 0.9855,
0.7456

■ 103.4583, 97.1063,
98.4901

■ 0.3499, 0.0000,
0.0000

131.7098,
124.7388, 127.2453

■ 0.0000, 0.0000,
0.0000

164.6863,

157.1713, 161.1145

202.7530,
194.7881, 200.5161

■ 20.2883, 17.4888,
16.7744

■ 20.2883, 17.4888,
16.7744

■ 18.2447, 14.4672,
12.8082

■ 22.7109, 21.0930,
21.4076

■ 16.5596, 11.9953,
9.4771

■ 25.5289, 25.3056,
26.7354

■ 15.2126, 10.0407,
6.7485


■ 28.7596, 30.1537,
32.7852


■ 14.1806, 8.5665,
4.5861

■ 32.4185, 35.6622,
39.5827


■ 13.4377, 7.5312,
2.9499


■ 36.5206, 41.8546,
47.1521


 12.9538, 6.8858,
1.7944

 41.0800, 48.7533,
55.5166

 12.6734, 6.5223,
1.0928

 46.1103, 56.3794,
64.6987

 51.6245, 64.7536,
74.7195

 57.6351, 73.8953,
85.5997

Harmonies

Analogous

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



20.2357, 17.4888, 22.0445



20.2883, 17.4888, 16.7744



19.3090, 17.4888, 12.9018

Triad

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



20.2883, 17.4888, 16.7744



14.3113, 17.4888, 12.6257



15.6448, 17.4888, 30.4514

Complementary

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



20.2883, 17.4888, 16.7744



21.7268, 26.8004, 30.8172

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.



14.1977, 17.4888, 26.8750



20.2883, 17.4888, 16.7744



13.4674, 17.4888, 16.3259

Square

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



20.2883, 17.4888, 16.7744



15.8106, 17.4888, 10.8211



13.4274, 17.4888, 21.5060



17.4619, 17.4888, 30.6323

Rectangle

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



20.2883, 17.4888, 16.7744



18.2416, 17.4888, 11.3616



13.4274, 17.4888, 21.5060



15.1023, 17.4888, 29.5804

Sweetspot

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



20.2888, 17.4896, 16.7748



45.8538, 45.8587, 48.6876



22.0684, 18.0900, 31.1828



10.0028, 9.9247, 10.4910



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.2888, 17.4896, 16.7748



33.1894, 26.9936, 24.5393



21.9915, 21.3134, 16.0526



5.8249, 5.8250, 6.1841



10.5176, 5.4121, 0.9407



0.1337, 0.0682, 0.0379

Inverse Universe

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



20.2888, 17.4896, 16.7748



33.1894, 26.9936, 24.5393



19.5157, 21.7479, 32.0234



5.8249, 5.8250, 6.1841



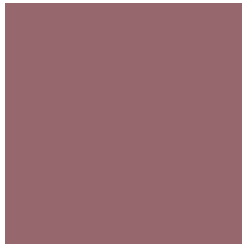
10.5176, 5.4121, 0.9407



0.1337, 0.0682, 0.0379

Previews

White Background



This preview shows how the XYZ color 20.2883, 17.4888, 16.7744 looks on a white background.

Color Contrast Check

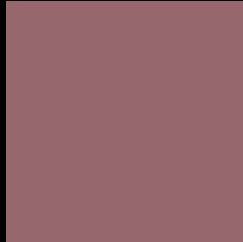
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2883, 17.4888, 16.7744 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 20.2883, 17.4888, 16.7744

Background



This preview shows how black text looks on a background with the XYZ color 20.2883, 17.4888, 16.7744.



This preview shows how white text looks on a background with the XYZ color 20.2883, 17.4888,

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

20.2883, 17.4888, 16.7744

Protanopia

17.0055, 17.6737, 19.0381

Deuteranopia

17.8081, 17.4752, 16.3444



Tritanopia

20.3972, 17.5324, 17.3480

Trichromacy



Original Color

20.2883, 17.4888, 16.7744

Protanomaly

17.9807, 17.5264, 18.0580

Deuteranomaly

18.6566, 17.4233, 16.5671

Tritanomaly

20.3425, 17.5104, 17.0595

Monochromacy



Original Color

20.2883, 17.4888, 16.7744

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.2056, 17.7939, 18.6947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2883, 17.4888, 16.7744 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(150, 104, 109)` looks like.

```
.text, #text, p{  
    color:rgb(150, 104, 109)  
}
```

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(150, 104, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 104, 109) }
```

Border

The CSS property to change the border of an element to XYZ 20.2883, 17.4888, 16.7744 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(150, 104, 109) }
```


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

```
.border{ border-color:rgb(150, 104, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 104, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 104, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 104, 109);  
box-shadow:4px 4px 4px 4px rgb(150, 104,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2883, 17.4888, 16.7744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 104, 109) }
```

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

```
.background{ background-color: rgb(150,  
104, 109) }
```

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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