

Converting Colors

XYZ(20.3029, 18.8147, 20.4678)

Have a look what the booklet for
XYZ(20.3029, 18.8147, 20.4678)
contains.

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Color

**XYZ(20.2798, 18.8290,
20.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7178
RGB	141, 113, 120
RGB Percent	55%, 44%, 47%
CMY	0.4471, 0.5568, 0.5294
CMYK	0.00, 0.20, 0.15, 0.45
HSL	345°, 11%, 50%
HSV	345°, 20%, 55%
XYZ	20.2798, 18.8290, 20.3348
YIQ	122.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

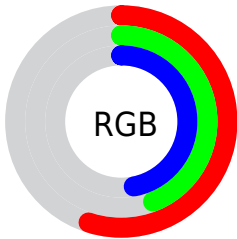
Format	Color
R_{YB}	141, 113, 120
Decimal	9269624
CIE _{Lab}	50.49, 12.20, 0.31
CIE _{LCh}	50, 12.200, 1.464
Yxy	18.8290, 0.3412, 0.3168
Android (android.graphics.Color)	4287459704 (0xFF8D7178)
YUV	122.1700, -1.0698, 16.5139
Hunter-Lab	43.3924, 7.4868, 2.5898

Details

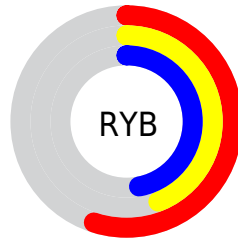
The XYZ color **20.2798, 18.8290, 20.3348** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6387, 24.2822, 26.1546**, and the grayscale version is **18.5547, 19.5210, 21.2583**.

A 20% lighter version of the original color is **43.4072, 41.4909, 44.7505**, and **7.2764, 6.4221, 6.9870** is the 20% darker color. If you saturate the color by 10%, you get **18.2205, 15.6814, 16.6547**, and if you desaturate by 10%, it is **22.6554, 22.4955, 24.4706**.

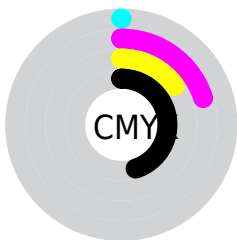
Distribution



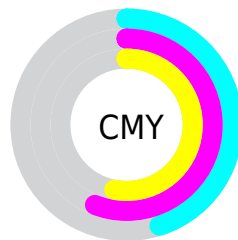
- Red (55%)
- Green (44%)
- Blue (47%)



- Red (55%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2798, 18.8290, 20.3348 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 20.2798, 18.8290, 20.3348 by changing the saturation by 10% instead.

■ 20.2798, 18.8290,
20.3348

■ 20.2798, 18.8290,
20.3348

246.2306,
245.5031, 266.3858

■ 12.7080, 11.5468,
12.4522

■ 43.3862, 41.4450,
44.8441

■ 7.3034, 6.4359,
6.9261

■ 59.6515, 57.5475,
62.3079

■ 3.7006, 3.1119,
3.3382

■ 79.5454, 77.3589,
83.8024

■ 1.5342, 1.1904,
1.2698

■ 103.4332,
101.2636, 109.7463

■ 0.3489, 0.0539,
0.0369

131.6802,
129.6460, 140.5580

■ 0.0000, 0.0000,
0.0000

164.6519,

162.8904, 176.6561

202.7136,
201.3813, 218.4592

■ 20.2798, 18.8290,
20.3348

■ 20.2798, 18.8290,
20.3348

■ 18.2205, 15.6814,
16.6547

■ 22.6554, 22.4955,
24.4706

■ 16.4626, 13.0268,
13.4133

■ 25.3586, 26.7002,
29.0760

■ 14.9918, 10.8407,
10.5942

■ 28.4018, 31.4647,
34.1658

■ 13.7925, 9.0957,
8.1796

■ 31.7965, 36.8086,
39.7535

■ 12.8473, 7.7613,
6.1502

■ 35.5534, 42.7504,
45.8524

■ 12.1367, 6.8034,
4.4852

■ 39.6831, 49.3079,
52.4752

■ 11.6383, 6.1821,
3.1614

■ 44.1954, 56.4983,
59.6340

■ 11.2961, 5.7909,
2.1433

■ 49.0999, 64.3377,
67.3407

■ 11.2916, 5.7856,
2.1305

■ 54.4059, 72.8422,
75.6068

Harmonies

Analogous

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



19.9803, 18.8290, 23.7902



20.2798, 18.8290, 20.3348



19.9175, 18.8290, 17.2713

Triad

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



20.2798, 18.8290, 20.3348



16.7297, 18.8290, 15.4099



16.8266, 18.8290, 26.8064

Complementary

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



20.2798, 18.8290, 20.3348



20.6387, 24.2822, 26.1546

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.



16.0168, 18.8290, 24.1114



20.2798, 18.8290, 20.3348



15.9627, 18.8290, 17.5310

Square

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



20.2798, 18.8290, 20.3348



17.8381, 18.8290, 14.6296



15.7075, 18.8290, 20.6693



17.9549, 18.8290, 27.7659

Rectangle

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



20.2798, 18.8290, 20.3348



19.3584, 18.8290, 15.7959



15.7075, 18.8290, 20.6693



16.5099, 18.8290, 26.0597

Sweetspot

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



20.2803, 18.8298, 20.3352



42.3064, 42.9773, 46.7970



20.5450, 18.8025, 27.7460



9.3912, 9.5089, 10.3530



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.



20.2803, 18.8298, 20.3352



34.5313, 30.9816, 33.2466



20.6822, 20.2887, 18.4498



5.4607, 5.4448, 5.9243



10.3014, 5.2776, 1.9724



0.1062, 0.0536, 0.0596

Inverse Universe

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



20.2803, 18.8298, 20.3352



34.5313, 30.9816, 33.2466



20.1435, 22.4846, 28.4779



5.4607, 5.4448, 5.9243



10.3014, 5.2776, 1.9724



0.1062, 0.0536, 0.0596

Previews

White Background



This preview shows how the XYZ color 20.2798, 18.8290, 20.3348 looks on a white background.

Color Contrast Check

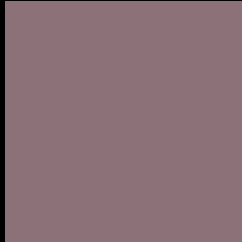
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.2798, 18.8290, 20.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

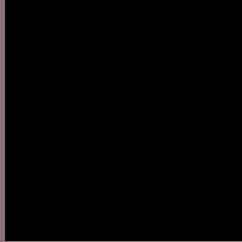
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2798, 18.8290, 20.3348

Background



This preview shows how black text looks on a background with the XYZ color 20.2798, 18.8290, 20.3348.



This preview shows how white text looks on a background with the XYZ color 20.2798, 18.8290,

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

20.2798, 18.8290, 20.3348

Protanopia

18.2397, 18.9531, 21.7658

Deuteranopia

19.0909, 18.7282, 20.0615



Tritanopia

20.4025, 18.8781, 20.9809

Trichromacy



Original Color

20.2798, 18.8290, 20.3348

Protanomaly

18.8385, 18.7418, 21.3635

Deuteranomaly

19.4522, 18.7443, 20.0455

Tritanomaly

20.3408, 18.8535, 20.6562

Monochromacy



Original Color

20.2798, 18.8290, 20.3348

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1013, 19.2413, 20.7963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2798, 18.8290, 20.3348 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, 113, 120)` looks like.

```
.text, #text, p{  
    color:rgb(141, 113, 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(141, 113, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 113, 120) }
```

Border

The CSS property to change the border of an element to XYZ 20.2798, 18.8290, 20.3348 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, 113, 120) }
```


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

```
.border{ border-color:rgb(141, 113, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 113, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 113, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 113, 120);  
box-shadow:4px 4px 4px 4px rgb(141, 113,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2798, 18.8290, 20.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 113, 120) }
```

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

```
.background{ background-color: rgb(141,  
113, 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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