

Converting Colors

XYZ(20.2949, 18.8302, 19.4691)

Have a look what the booklet for
XYZ(20.2949, 18.8302, 19.4691)
contains.

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Color

**XYZ(20.2713, 18.8454,
19.3987)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7175
RGB	142, 113, 117
RGB Percent	56%, 44%, 46%
CMY	0.4431, 0.5568, 0.5412
CMYK	0.00, 0.20, 0.18, 0.44
HSL	352°, 11%, 50%
HSV	352°, 20%, 56%
XYZ	20.2713, 18.8454, 19.3987
YIQ	122.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

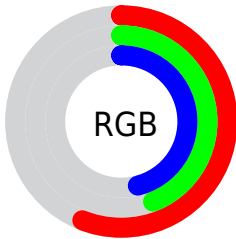
Format	Color
R_{YB}	142, 113, 117
Decimal	9335157
CIE _{Lab}	50.51, 12.07, 2.13
CIE _{LCh}	51, 12.257, 9.993
Yxy	18.8454, 0.3464, 0.3221
Android (android.graphics.Color)	4287525237 (0xFF8E7175)
YUV	122.1270, -2.5276, 17.4286
Hunter-Lab	43.4113, 7.3825, 3.8937

Details

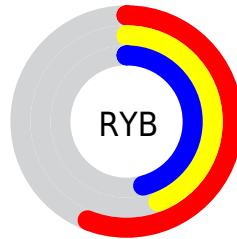
The XYZ color **20.2713, 18.8454, 19.3987** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0712, 24.6921, 27.7014**, and the grayscale version is **18.5449, 19.5107, 21.2471**.

A 20% lighter version of the original color is **43.3815, 41.5106, 43.2620**, and **7.2789, 6.4344, 6.4886** is the 20% darker color. If you saturate the color by 10%, you get **18.1360, 15.6523, 15.3648**, and if you desaturate by 10%, it is **22.7497, 22.5737, 24.0119**.

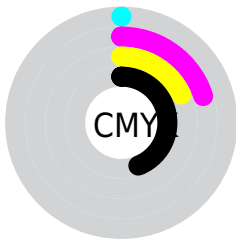
Distribution



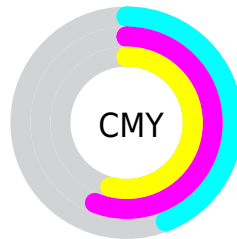
- Red (56%)
- Green (44%)
- Blue (46%)



- Red (56%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2713, 18.8454, 19.3987 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 20.2713, 18.8454, 19.3987 by changing the saturation by 10% instead.

■ 20.2713, 18.8454,
19.3987

■ 20.2713, 18.8454,
19.3987

246.1857,
245.5940, 261.1367

■ 12.7018, 11.5586,
11.7790

■ 43.3721, 41.4727,
43.2524

■ 7.2991, 6.4439,
6.4727

■ 59.6340, 57.5820,
60.3234

■ 3.6978, 3.1168,
3.0612

■ 79.5242, 77.4009,
81.3820

■ 1.5327, 1.1930,
1.1260

■ 103.4080,
101.3139, 106.8466

■ 0.3479, 0.0560,
0.0000

131.6506,
129.7053, 137.1359

■ 0.0000, 0.0000,
0.0000

164.6176,

162.9595, 172.6683

202.6742,
201.4609, 213.8624

■ 20.2713, 18.8454,
19.3987

■ 20.2713, 18.8454,
19.3987

■ 18.1360, 15.6523,
15.3648

■ 22.7497, 22.5737,
24.0119

■ 16.3271, 12.9673,
11.8862

■ 25.5838, 26.8574,
29.2249

■ 14.8289, 10.7650,
8.9387

■ 28.7876, 31.7190,
35.0586

■ 13.6237, 9.0167,
6.4960

■ 32.3736, 37.1788,
41.5325

■ 12.6921, 7.6904,
4.5297

■ 36.3540, 43.2563,
48.6654

■ 12.0121, 6.7505,
3.0081

■ 40.7403, 49.9699,
56.4751

■ 11.5584, 6.1548,
1.8961

■ 45.5436, 57.3374,
64.9789

■ 11.2779, 5.7998,
1.1672

■ 50.7745, 65.3758,
74.1934

■ 56.4432, 74.1016,
84.1347

Harmonies

Analogous

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



20.1588, 18.8454, 22.8541



20.2713, 18.8454, 19.3987



19.7305, 18.8454, 16.5744

Triad

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



20.2713, 18.8454, 19.3987



16.4756, 18.8454, 15.8799



17.1373, 18.8454, 27.3441

Complementary

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



20.2713, 18.8454, 19.3987



21.0712, 24.6921, 27.7014

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.



16.2088, 18.8454, 25.0455



20.2713, 18.8454, 19.3987



15.8387, 18.8454, 18.3495

Square

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



20.2713, 18.8454, 19.3987



17.5163, 18.8454, 14.6975



15.7432, 18.8454, 21.6825



18.3136, 18.8454, 27.7057

Rectangle

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



20.2713, 18.8454, 19.3987



19.0858, 18.8454, 15.3325



15.7432, 18.8454, 21.6825



16.7874, 18.8454, 26.7612

Sweetspot

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



20.2718, 18.8463, 19.3991



42.1854, 42.9288, 46.1595



21.2116, 19.1376, 28.1672



9.3619, 9.4972, 10.1988



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.



20.2718, 18.8463, 19.3991



33.7531, 30.2464, 30.4556



21.2381, 21.1469, 18.5863



5.4373, 5.4354, 5.8008



10.1302, 5.2091, 1.0712



0.1015, 0.0517, 0.0349

Inverse Universe

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



20.2718, 18.8463, 19.3991



33.7531, 30.2464, 30.4556



19.9242, 21.9262, 28.7733



5.4373, 5.4354, 5.8008



10.1302, 5.2091, 1.0712



0.1015, 0.0517, 0.0349

Previews

White Background



This preview shows how the XYZ color 20.2713, 18.8454, 19.3987 looks on a white background.

Color Contrast Check

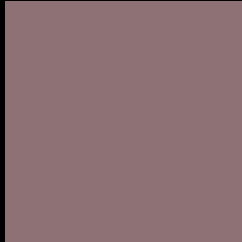
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2713, 18.8454, 19.3987 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 20.2713, 18.8454, 19.3987

Background



This preview shows how black text looks on a background with the XYZ color 20.2713, 18.8454, 19.3987.

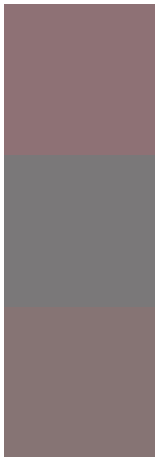


This preview shows how white text looks on a background with the XYZ color 20.2713, 18.8454,

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

20.2713, 18.8454, 19.3987

Protanopia

18.1937, 18.9510, 20.7882

Deuteranopia

19.2293, 18.8201, 19.1421



Tritanopia

20.4007, 18.7196, 20.6272

Trichromacy



Original Color

20.2713, 18.8454, 19.3987

Protanomaly

18.8047, 18.7458, 20.3965

Deuteranomaly

19.5996, 18.8408, 19.1266

Tritanomaly

20.3397, 18.6952, 20.3058

Monochromacy



Original Color

20.2713, 18.8454, 19.3987

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.0403, 19.2168, 20.4750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2713, 18.8454, 19.3987 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(142, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 113, 117)  
}
```

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(142, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 113, 117) }
```

Border

The CSS property to change the border of an element to XYZ 20.2713, 18.8454, 19.3987 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(142, 113, 117) }
```


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

```
.border{ border-color:rgb(142, 113, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 113,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2713, 18.8454, 19.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 113, 117) }
```

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

```
.background{ background-color: rgb(142,  
113, 117) }
```

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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