

Converting Colors

XYZ(20.1669, 18.1647, 22.9241)

Have a look what the booklet for
XYZ(20.1669, 18.1647, 22.9241)
contains.

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Color

**XYZ(20.1197, 18.1993,
22.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6E80
RGB	139, 110, 128
RGB Percent	55%, 43%, 50%
CMY	0.4549, 0.5686, 0.4980
CMYK	0.00, 0.21, 0.08, 0.45
HSL	323°, 12%, 49%
HSV	323°, 21%, 55%
XYZ	20.1197, 18.1993, 22.8745
YIQ	120.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

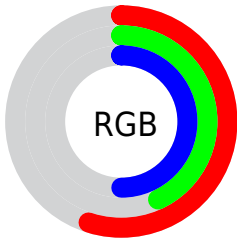
Format	Color
R_{YB}	139, 110, 128
Decimal	9137792
CIE Lab	49.74, 14.64, -5.55
CIE LCh	50, 15.657, 339.221
Yxy	18.1993, 0.3288, 0.2974
Android (android.graphics.Color)	4287327872 (0xFF8B6E80)
YUV	120.7230, 3.5876, 16.0289
Hunter-Lab	42.6606, 9.5284, -1.9287

Details

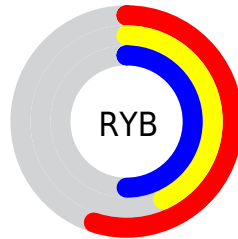
The XYZ color **20.1197, 18.1993, 22.8745** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.1149, 23.1613, 21.5533**, and the grayscale version is **18.0712, 19.0123, 20.7044**.

A 20% lighter version of the original color is **43.2531, 40.5143, 49.2564**, and **7.2537, 6.1336, 8.1987** is the 20% darker color. If you saturate the color by 10%, you get **18.3980, 15.2969, 20.6326**, and if you desaturate by 10%, it is **22.0957, 21.5811, 25.2906**.

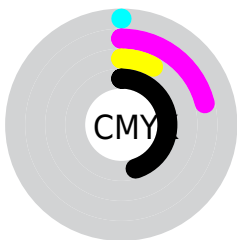
Distribution



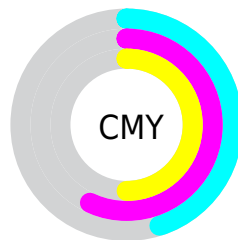
- Red (55%)
- Green (43%)
- Blue (50%)



- Red (55%)
- Yellow (43%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1197, 18.1993, 22.8745 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 20.1197, 18.1993, 22.8745 by changing the saturation by 10% instead.

■ 20.1197, 18.1993,
22.8745

■ 20.1197, 18.1993,
22.8745

245.3836,
241.9920, 280.1807

■ 12.5909, 11.0932,
14.2964

■ 43.1202, 40.3766,
49.1078

■ 7.2225, 6.1295,
8.1860

■ 59.3225, 56.2166,
67.6000

■ 3.6492, 2.9240,
4.1247

■ 79.1468, 75.7367,
90.2341

■ 1.5056, 1.0922,
1.6940

■ 102.9583, 99.3212,
117.4286

■ 0.3297, 0.0000,
0.3566

131.1223,
127.3546, 149.6019

■ 0.0000, 0.0000,
0.0000

164.0043,

160.2213, 187.1727

201.9696,
198.3056, 230.5595

■ 20.1197, 18.1993,
22.8745

■ 20.1197, 18.1993,
22.8745

■ 18.3980, 15.2969,
20.6326

■ 22.0957, 21.5811,
25.2906

■ 16.9180, 12.8494,
18.5587

■ 24.3350, 25.4605,
27.8846

■ 15.6679, 10.8339,
16.6478

■ 26.8480, 29.8575,
30.6613

■ 14.6347, 9.2246,
14.8941

■ 29.6441, 34.7904,
33.6253

■ 13.8037, 7.9928,
13.2912

■ 32.7321, 40.2768,
36.7807

■ 13.1586, 7.1061,
11.8323

■ 36.1205, 46.3331,
40.1315

■ 12.6800, 6.5262,
10.5094

■ 39.8176, 52.9754,
43.6816

■ 12.3383, 6.1653,
9.4014

■ 43.8311, 60.2189,
47.4349

■ 48.1686, 68.0784,
51.3949

Harmonies

Analogous

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



19.1751, 18.1993, 26.8832



20.1197, 18.1993, 22.8745



20.2855, 18.1993, 18.5290

Triad

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



20.1197, 18.1993, 22.8745



16.8425, 18.1993, 12.7650



15.1702, 18.1993, 25.4753

Complementary

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



20.1197, 18.1993, 22.8745



19.1149, 23.1613, 21.5533

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.



14.6191, 18.1993, 21.1612



20.1197, 18.1993, 22.8745



15.5474, 18.1993, 14.1104

Square

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



20.1197, 18.1993, 22.8745



18.3353, 18.1993, 13.0869



14.7531, 18.1993, 17.0430



16.3004, 18.1993, 28.5282

Rectangle

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



20.1197, 18.1993, 22.8745



19.9231, 18.1993, 16.0713



14.7531, 18.1993, 17.0430



14.9141, 18.1993, 24.1013

Sweetspot

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



20.1202, 18.2001, 22.8749



41.4063, 41.8209, 47.4479



18.0707, 17.0553, 26.7661



9.4901, 9.5484, 10.8740



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.



20.1202, 18.2001, 22.8749



34.5320, 30.0543, 39.0462



19.2537, 17.8535, 18.3119



5.1547, 5.0973, 5.9034



11.1442, 5.5678, 8.5298



0.0812, 0.0398, 0.0943

Inverse Universe

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



20.1202, 18.2001, 22.8749



34.5320, 30.0543, 39.0462



20.0462, 23.5338, 26.4573



5.1547, 5.0973, 5.9034



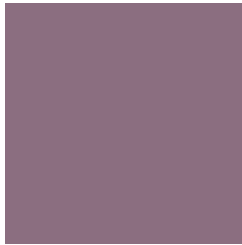
11.1442, 5.5678, 8.5298



0.0812, 0.0398, 0.0943

Previews

White Background



This preview shows how the XYZ color 20.1197, 18.1993, 22.8745 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 20.1197, 18.1993, 22.8745 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 20.1197, 18.1993, 22.8745

Background



This preview shows how black text looks on a background with the XYZ color 20.1197, 18.1993, 22.8745.



This preview shows how white text looks on a background with the XYZ color 20.1197, 18.1993,

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

20.1197, 18.1993, 22.8745

Protanopia

17.9145, 18.3633, 24.7906

Deuteranopia

18.5657, 18.2294, 22.6188



Tritanopia

19.5558, 18.1282, 20.2377

Trichromacy



Original Color

20.1197, 18.1993, 22.8745

Protanomaly

18.5396, 18.1852, 24.0057

Deuteranomaly

19.0960, 18.1679, 22.5790

Tritanomaly

19.7408, 18.2022, 21.2118

Monochromacy



Original Color

20.1197, 18.1993, 22.8745

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.9015, 18.7670, 21.6950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1197, 18.1993, 22.8745 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(139, 110, 128)` looks like.

```
.text, #text, p{  
    color:rgb(139, 110, 128)  
}
```

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(139, 110, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 110, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.1197, 18.1993, 22.8745 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(139, 110, 128) }
```


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

```
.border{ border-color:rgb(139, 110, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 110, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 110, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 110, 128);  
box-shadow:4px 4px 4px 4px rgb(139, 110,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1197, 18.1993, 22.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 110, 128) }
```

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

```
.background{ background-color: rgb(139,  
110, 128) }
```

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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