

Converting Colors

XYZ(20.1652, 18.2957, 19.5488)

Have a look what the booklet for
XYZ(20.1652, 18.2957, 19.5488)
contains.

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Color

**XYZ(20.1736, 18.2995,
19.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6E76
RGB	143, 110, 118
RGB Percent	56%, 43%, 46%
CMY	0.4392, 0.5686, 0.5373
CMYK	0.00, 0.23, 0.17, 0.44
HSL	345°, 13%, 50%
HSV	345°, 23%, 56%
XYZ	20.1736, 18.2995, 19.6084
YIQ	120.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

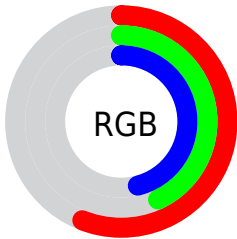
Format	Color
R_{YB}	143, 110, 118
Decimal	9399926
CIE _{Lab}	49.86, 14.39, 0.60
CIE _{LCh}	50, 14.398, 2.407
Yxy	18.2995, 0.3473, 0.3151
Android (android.graphics.Color)	4287590006 (0xFF8F6E76)
YUV	120.7790, -1.3700, 19.4878
Hunter-Lab	42.7779, 9.3173, 2.7674

Details

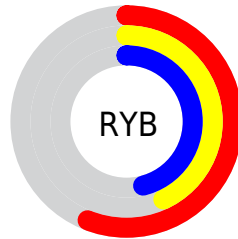
The XYZ color **20.1736, 18.2995, 19.6084** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6268, 24.7096, 26.6051**, and the grayscale version is **18.1035, 19.0463, 20.7414**.

A 20% lighter version of the original color is **43.2020, 40.6133, 43.5924**, and **7.2417, 6.1628, 6.6022** is the 20% darker color. If you saturate the color by 10%, you get **18.1462, 15.2165, 15.9365**, and if you desaturate by 10%, it is **22.5250, 21.9118, 23.7536**.

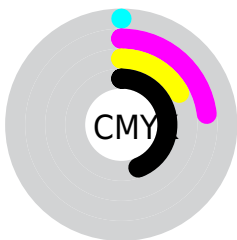
Distribution



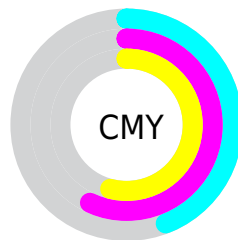
- Red (56%)
- Green (43%)
- Blue (46%)



- Red (56%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1736, 18.2995, 19.6084 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 20.1736, 18.2995, 19.6084 by changing the saturation by 10% instead.

■ 20.1736, 18.2995,
19.6084

■ 20.1736, 18.2995,
19.6084

245.6691,
242.5538, 262.3209

■ 12.6303, 11.1652,
11.9295

■ 43.2098, 40.5470,
43.6100

■ 7.2497, 6.1781,
6.5737

■ 59.4333, 56.4290,
60.7697

■ 3.6665, 2.9537,
3.1226

■ 79.2811, 75.9958,
81.9267

■ 1.5152, 1.1076,
1.1576

■ 103.1183, 99.6316,
107.4996

■ 0.3362, 0.0000,
0.0000

131.3103,
127.7209, 137.9070

■ 0.0000, 0.0000,
0.0000

164.2225,

160.6481, 173.5673

202.2203,
198.7976, 214.8991

■ 20.1736, 18.2995,
19.6084

■ 20.1736, 18.2995,
19.6084

■ 18.1462, 15.2165,
15.9365

■ 22.5250, 21.9118,
23.7536

■ 16.4269, 12.6353,
12.7197

■ 25.2123, 26.0740,
28.3872

■ 15.0006, 10.5301,
9.9403

■ 28.2489, 30.8089,
33.5250

■ 13.8504, 8.8714,
7.5787

■ 31.6467, 36.1370,
39.1818

■ 12.9576, 7.6265,
5.6142

■ 35.4172, 42.0778,
45.3716

■ 12.3011, 6.7583,
4.0237

■ 39.5713, 48.6502,
52.1080

■ 11.8560, 6.2230,
2.7819

■ 44.1197, 55.8720,
59.4042

■ 11.6260, 5.9590,
2.1010

■ 49.0723, 63.7604,
67.2727

■ 54.4389, 72.3319,
75.7258

Harmonies

Analogous

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



19.8457, 18.2995, 23.6460



20.1736, 18.2995, 19.6084



19.7245, 18.2995, 16.1327

Triad

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



20.1736, 18.2995, 19.6084



16.0130, 18.2995, 14.1865



16.1959, 18.2995, 27.4256

Complementary

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



20.1736, 18.2995, 19.6084



20.6268, 24.7096, 26.6051

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.



15.2531, 18.2995, 24.2694



20.1736, 18.2995, 19.6084



15.1514, 18.2995, 16.6165

Square

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



20.1736, 18.2995, 19.6084



17.2822, 18.2995, 13.2711



14.8806, 18.2995, 20.2451



17.5045, 18.2995, 28.4978

Rectangle

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



20.1736, 18.2995, 19.6084



19.0581, 18.2995, 14.5025



14.8806, 18.2995, 20.2451



15.8280, 18.2995, 26.5544

Sweetspot

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



20.1741, 18.3003, 19.6088



43.1166, 43.5365, 47.3493



20.4859, 18.2661, 28.4327



9.8320, 9.8977, 10.7625



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.1741, 18.3003, 19.6088



34.0550, 29.6118, 31.3849



20.6506, 19.9820, 17.5214



5.4591, 5.4442, 5.9159



10.2869, 5.2718, 1.8963



0.1059, 0.0534, 0.0580

Inverse Universe

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



20.1741, 18.3003, 19.6088



34.0550, 29.6118, 31.3849



20.0181, 22.5570, 29.2856



5.4591, 5.4442, 5.9159



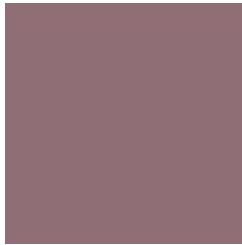
10.2869, 5.2718, 1.8963



0.1059, 0.0534, 0.0580

Previews

White Background



This preview shows how the XYZ color 20.1736, 18.2995, 19.6084 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 20.1736, 18.2995, 19.6084 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 20.1736, 18.2995, 19.6084

Background



This preview shows how black text looks on a background with the XYZ color 20.1736, 18.2995, 19.6084.



This preview shows how white text looks on a background with the XYZ color 20.1736, 18.2995,

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

20.1736, 18.2995, 19.6084

Protanopia

17.7993, 18.3800, 21.3485

Deuteranopia

18.7017, 18.3711, 19.3899



Tritanopia

20.1736, 18.2995, 19.6084

Trichromacy



Original Color

20.1736, 18.2995, 19.6084

Protanomaly

18.4840, 18.2311, 20.6339

Deuteranomaly

19.1077, 18.2455, 19.3443

Tritanomaly

20.1736, 18.2995, 19.6084

Monochromacy



Original Color

20.1736, 18.2995, 19.6084

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.8047, 18.7458, 20.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1736, 18.2995, 19.6084 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(143, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(143, 110, 118)  
}
```

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(143, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 110, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.1736, 18.2995, 19.6084 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(143, 110, 118) }
```


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

```
.border{ border-color:rgb(143, 110, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(143, 110,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1736, 18.2995, 19.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 110, 118) }
```

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

```
.background{ background-color: rgb(143,  
110, 118) }
```

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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