

Converting Colors

XYZ(18.6842, 15.8390, 19.1830)

Have a look what the booklet for
XYZ(18.6842, 15.8390, 19.1830)
contains.

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Color

**XYZ(18.7164, 15.8944,
19.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6376
RGB	141, 99, 118
RGB Percent	55%, 39%, 46%
CMY	0.4471, 0.6118, 0.5373
CMYK	0.00, 0.30, 0.16, 0.45
HSL	333°, 17%, 47%
HSV	333°, 30%, 55%
XYZ	18.7164, 15.8944, 19.2210
YIQ	113.7240, 18.9330, 14.8130

Conversions

Conversions Part 2

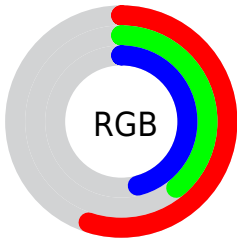
Format	Color
R_{YB}	141, 99, 118
Decimal	9266038
CIE Lab	46.84, 20.05, -3.86
CIE LCh	47, 20.416, 349.112
Yxy	15.8944, 0.3477, 0.2953
Android (android.graphics.Color)	4287456118 (0xFF8D6376)
YUV	113.7240, 2.1081, 23.9211
Hunter-Lab	39.8678, 14.0303, -0.6774

Details

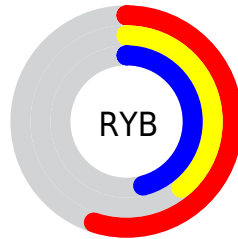
The XYZ color **18.7164, 15.8944, 19.2210** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.1840, 23.1081, 21.9154**, and the grayscale version is **15.9019, 16.7300, 18.2190**.

A 20% lighter version of the original color is **40.6677, 36.3171, 42.8967**, and **6.5499, 5.0718, 6.4281** is the 20% darker color. If you saturate the color by 10%, you get **17.0552, 13.2764, 16.4952**, and if you desaturate by 10%, it is **20.6493, 18.9953, 22.2231**.

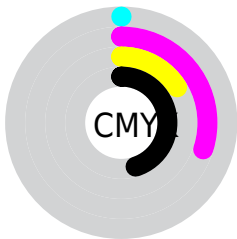
Distribution



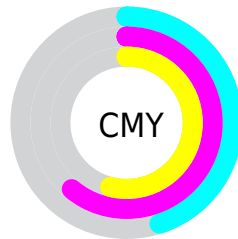
- Red (55%)
- Green (39%)
- Blue (46%)



- Red (55%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7164, 15.8944, 19.2210 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 18.7164, 15.8944, 19.2210 by changing the saturation by 10% instead.

■ 18.7164, 15.8944,
19.2210

■ 18.7164, 15.8944,
19.2210

237.8469,
228.7178, 260.1294

■ 11.5683, 9.4495,
11.6516

■ 40.7749, 36.4148,
42.9489

■ 6.5206, 5.0355,
6.3873

■ 56.4161, 51.2590,
59.9445

■ 3.2078, 2.2681,
3.0094

■ 75.6190, 69.6718,
80.9192

■ 1.2646, 0.7567,
1.0994

■ 98.7489, 92.0375,
106.2917

■ 0.1565, 0.0000,
0.0000

126.1714,
118.7406, 136.4804

■ 0.0000, 0.0000,
0.0000

158.2516,

150.1654, 171.9039

195.3550,
186.6963, 212.9807

■ 18.7164, 15.8944,
19.2210

■ 18.7164, 15.8944,
19.2210

■ 17.0552, 13.2764,
16.4952

■ 20.6493, 18.9953,
22.2231

■ 15.6514, 11.1147,
14.0360

■ 22.8648, 22.5999,
25.5088

■ 14.4912, 9.3830,
11.8344

■ 25.3745, 26.7303,
29.0864

■ 13.5591, 8.0518,
9.8805

■ 28.1892, 31.4064,
32.9635

■ 12.8375, 7.0876,
8.1633

■ 31.3191, 36.6476,
37.1473

■ 12.3061, 6.4514,
6.6710

■ 34.7739, 42.4718,
41.6448

■ 11.9118, 6.0389,
5.3803

■ 38.5628, 48.8964,
46.4627

■ 11.9038, 6.0305,
5.3545

■ 42.6946, 55.9380,
51.6077

■ 47.1781, 63.6126,
57.0860

Harmonies

Analogous

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



17.8398, 15.8944, 24.5333



18.7164, 15.8944, 19.2210



18.5705, 15.8944, 14.2965

Triad

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



18.7164, 15.8944, 19.2210



14.0160, 15.8944, 9.6100



12.9794, 15.8944, 25.8067

Complementary

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



18.7164, 15.8944, 19.2210



18.1840, 23.1081, 21.9154

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.



12.1036, 15.8944, 20.7114



18.7164, 15.8944, 19.2210



12.6689, 15.8944, 11.6594

Square

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



18.7164, 15.8944, 19.2210



15.7617, 15.8944, 9.3667



11.9946, 15.8944, 15.5232



14.4710, 15.8944, 28.8018

Rectangle

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



18.7164, 15.8944, 19.2210



17.9160, 15.8944, 11.8389



11.9946, 15.8944, 15.5232



12.6084, 15.8944, 24.2412

Sweetspot

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



18.7169, 15.8951, 19.2213



41.1979, 40.8838, 46.0464



17.2116, 14.9415, 27.1765



9.0792, 8.9310, 10.1065



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.



18.7169, 15.8951, 19.2213



31.3897, 25.1006, 30.9600



17.8329, 15.7556, 13.9065



5.5039, 5.4621, 6.1517



10.8618, 5.5017, 4.9233



0.1147, 0.0569, 0.1043

Inverse Universe

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



18.7169, 15.8951, 19.2213



31.3897, 25.1006, 30.9600



19.2736, 23.2157, 28.6649



5.5039, 5.4621, 6.1517



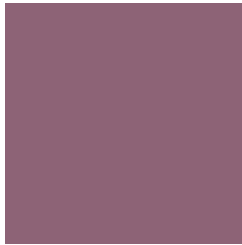
10.8618, 5.5017, 4.9233



0.1147, 0.0569, 0.1043

Previews

White Background



This preview shows how the XYZ color 18.7164, 15.8944, 19.2210 looks on a white background.

Color Contrast Check

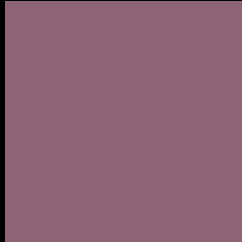
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7164, 15.8944, 19.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

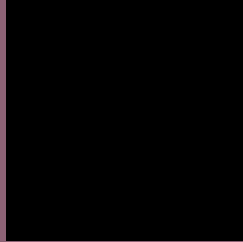
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.7164, 15.8944, 19.2210

Background



This preview shows how black text looks on a background with the XYZ color 18.7164, 15.8944, 19.2210.



This preview shows how white text looks on a background with the XYZ color 18.7164, 15.8944,

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

18.7164, 15.8944, 19.2210

Protanopia

15.6928, 16.1008, 21.6827

Deuteranopia

16.2607, 15.9791, 18.7503



Tritanopia

18.1757, 15.9655, 16.3110

Trichromacy



Original Color

18.7164, 15.8944, 19.2210

Protanomaly

16.6557, 15.9855, 20.6200

Deuteranomaly

17.1645, 15.9767, 19.0088

Tritanomaly

18.2970, 15.8596, 17.4261

Monochromacy



Original Color

18.7164, 15.8944, 19.2210

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.8753, 16.4602, 18.5074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7164, 15.8944, 19.2210 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, 99, 118)` looks like.

```
.text, #text, p{  
    color:rgb(141, 99, 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(141, 99, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 99, 118) }
```

Border

The CSS property to change the border of an element to XYZ 18.7164, 15.8944, 19.2210 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, 99, 118) }
```


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

```
.border{ border-color:rgb(141, 99, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 99, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 99, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 99, 118); box-shadow:4px 4px 4px 4px rgb(141, 99, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7164, 15.8944, 19.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 99, 118) }
```

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

```
.background{ background-color: rgb(141, 99,  
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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