

Converting Colors

XYZ(19.0380, 18.2976, 18.7078)

Have a look what the booklet for
XYZ(19.0380, 18.2976, 18.7078)
contains.

XYZ(18.9913, 18.1990, 18.7315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.9913, 18.1990,
18.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	877173
RGB	135, 113, 115
RGB Percent	53%, 44%, 45%
CMY	0.4706, 0.5568, 0.5490
CMYK	0.00, 0.16, 0.15, 0.47
HSL	355°, 9%, 49%
HSV	355°, 16%, 53%
XYZ	18.9913, 18.1990, 18.7315
YIQ	119.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

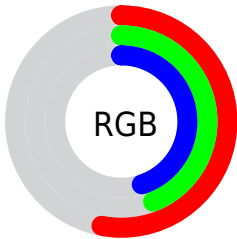
Format	Color
R_{YB}	135, 113, 115
Decimal	8876403
CIE _{Lab}	49.74, 8.96, 2.11
CIE _{LCh}	50, 9.206, 13.224
Yxy	18.1990, 0.3396, 0.3254
Android (android.graphics.Color)	4287066483 (0xFF877173)
YUV	119.8060, -2.3694, 13.3251
Hunter-Lab	42.6603, 4.8083, 3.8288

Details

The XYZ color **18.9913, 18.1990, 18.7315** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7084, 22.5325, 25.5018**, and the grayscale version is **17.7956, 18.7224, 20.3887**.

A 20% lighter version of the original color is **41.1692, 40.3917, 42.1857**, and **6.6497, 6.1171, 6.1404** is the 20% darker color. If you saturate the color by 10%, you get **16.9359, 15.1441, 14.7907**, and if you desaturate by 10%, it is **21.3659, 21.7413, 23.2432**.

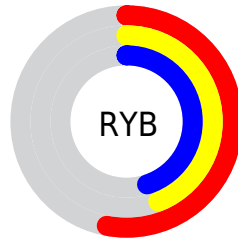
Distribution



Red (53%)

Green (44%)

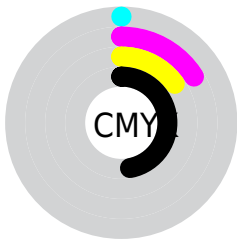
Blue (45%)



Red (53%)

Yellow (44%)

Blue (45%)

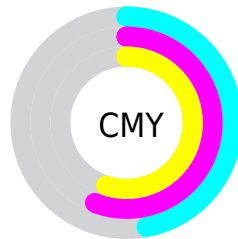


Cyan (0%)

Magenta (16%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9913, 18.1990, 18.7315 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 18.9913, 18.1990, 18.7315 by changing the saturation by 10% instead.

■ 18.9913, 18.1990,
18.7315

■ 18.9913, 18.1990,
18.7315

239.3398,
241.9903, 257.3356

■ 11.7680, 11.0930,
11.3016

■ 41.2364, 40.3761,
42.1105

■ 6.6569, 6.1294,
6.1533

■ 56.9888, 56.2160,
58.8967

■ 3.2929, 2.9239,
2.8683

■ 76.3150, 75.7359,
79.6388

■ 1.3105, 1.0921,
1.0278

■ 99.5804, 99.3203,
104.7552

■ 0.1911, 0.0000,
0.0000

127.1501,
127.3535, 134.6646

■ 0.0000, 0.0000,
0.0000

159.3897,

160.2200, 169.7854

196.6645,
198.3042, 210.5362

■ 18.9913, 18.1990,
18.7315

■ 18.9913, 18.1990,
18.7315

■ 16.9359, 15.1441,
14.7907

■ 21.3659, 21.7413,
23.2432

■ 15.1846, 12.5530,
11.3968

■ 24.0708, 25.7883,
28.3461

■ 13.7233, 10.4036,
8.5261

■ 27.1186, 30.3599,
34.0608

■ 12.5364, 8.6714,
6.1525

■ 30.5208, 35.4736,
40.4068

■ 11.6066, 7.3292,
4.2476

■ 34.2882, 41.1465,
47.4025

■ 10.9148, 6.3467,
2.7803

■ 38.4313, 47.3950,
55.0657

■ 10.4390, 5.6891,
1.7156

■ 42.9600, 54.2344,
63.4134

■ 10.1457, 5.2994,
1.0106

■ 47.8841, 61.6798,
72.4621

■ 10.0597, 5.1781,
0.8254

■ 53.2129, 69.7457,
82.2277

Harmonies

Analogous

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



18.9625, 18.1990, 21.2422



18.9913, 18.1990, 18.7315



18.5554, 18.1990, 16.6894

Triad

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



18.9913, 18.1990, 18.7315



16.1685, 18.1990, 16.5013



16.8155, 18.1990, 24.8074

Complementary

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



18.9913, 18.1990, 18.7315



19.7084, 22.5325, 25.5018

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.



16.0979, 18.1990, 23.3097



18.9913, 18.1990, 18.7315



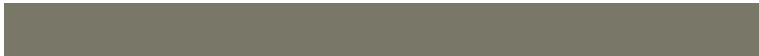
15.7331, 18.1990, 18.4544

Square

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



18.9913, 18.1990, 18.7315



16.9148, 18.1990, 15.4771



15.7077, 18.1990, 20.9408



17.6861, 18.1990, 24.8975

Rectangle

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



18.9913, 18.1990, 18.7315



18.0683, 18.1990, 15.8100



15.7077, 18.1990, 20.9408



16.5491, 18.1990, 24.4464

Sweetspot

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



18.9918, 18.1998, 18.7319



38.8032, 39.7430, 42.6480



19.9201, 18.5307, 25.4486



8.9212, 9.1067, 9.7536



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.9918, 18.1998, 18.7319



32.4133, 30.2156, 30.4914



19.9078, 20.2138, 18.4763



4.6885, 4.6951, 4.9719



9.2788, 4.7759, 0.7745



0.0332, 0.0170, 0.0082

Inverse Universe

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



18.9918, 18.1998, 18.7319



32.4133, 30.2156, 30.4914



18.6704, 20.2335, 25.8432



4.6885, 4.6951, 4.9719



9.2788, 4.7759, 0.7745



0.0332, 0.0170, 0.0082

Previews

White Background



This preview shows how the XYZ color 18.9913, 18.1990, 18.7315 looks on a white background.

Color Contrast Check

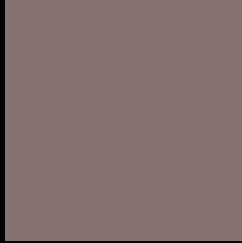
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9913, 18.1990, 18.7315 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 18.9913, 18.1990, 18.7315

Background



This preview shows how black text looks on a background with the XYZ color 18.9913, 18.1990, 18.7315.



This preview shows how white text looks on a background with the XYZ color 18.9913, 18.1990,

18.7315.

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

18.9913, 18.1990, 18.7315

Protanopia

17.6336, 18.3298, 19.7482

Deuteranopia

18.4719, 18.0977, 18.7393



Tritanopia

19.3987, 18.2031, 20.5803

Trichromacy



Original Color

18.9913, 18.1990, 18.7315

Protanomaly

18.0605, 18.2108, 19.3928

Deuteranomaly

18.6275, 18.1780, 18.7466

Tritanomaly

19.2773, 18.1545, 19.9409

Monochromacy



Original Color

18.9913, 18.1990, 18.7315

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.0888, 18.3906, 19.7359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9913, 18.1990, 18.7315 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(135, 113, 115) looks like.

```
.text, #text, p{  
    color:rgb(135, 113, 115)  
}
```

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(135, 113, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 113, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.9913, 18.1990, 18.7315 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(135, 113, 115) }
```


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

```
.border{ border-color:rgb(135, 113, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 113, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 113, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 113, 115);  
box-shadow:4px 4px 4px 4px rgb(135, 113,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9913, 18.1990, 18.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 113, 115) }
```

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

```
.background{ background-color: rgb(135,  
113, 115) }
```

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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