

Converting Colors

XYZ(18.3284, 17.8911, 19.3560)

Have a look what the booklet for
XYZ(18.3284, 17.8911, 19.3560)
contains.

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Color

**XYZ(18.3219, 17.8404,
19.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	827175
RGB	130, 113, 117
RGB Percent	51%, 44%, 46%
CMY	0.4902, 0.5569, 0.5412
CMYK	0.00, 0.13, 0.10, 0.49
HSL	346°, 7%, 48%
HSV	346°, 13%, 51%
XYZ	18.3219, 17.8404, 19.3075
YIQ	118.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

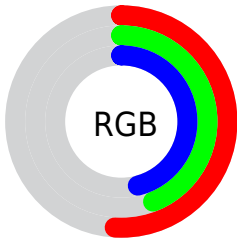
Format	Color
R_{YB}	130, 113, 117
Decimal	8548725
CIE _{Lab}	49.30, 7.36, 0.23
CIE _{LCh}	49, 7.363, 1.773
Yxy	17.8404, 0.3303, 0.3216
Android (android.graphics.Color)	4286738805 (0xFF827175)
YUV	118.5390, -0.7587, 10.0513
Hunter-Lab	42.2379, 3.5132, 2.4643

Details

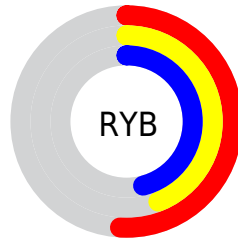
The XYZ color **18.3219, 17.8404, 19.3075** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5592, 20.9827, 22.8115**, and the grayscale version is **17.3898, 18.2955, 19.9238**.

A 20% lighter version of the original color is **40.1450, 39.8421, 43.1105**, and **6.3578, 5.9596, 6.4454** is the 20% darker color. If you saturate the color by 10%, you get **16.4204, 14.9236, 15.9411**, and if you desaturate by 10%, it is **20.4943, 21.1992, 23.0710**.

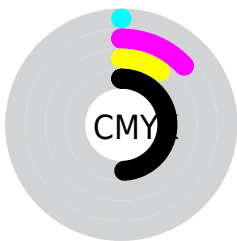
Distribution



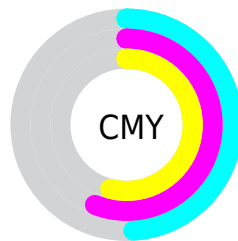
- Red (51%)
- Green (44%)
- Blue (46%)



- Red (51%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3219, 17.8404, 19.3075 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 18.3219, 17.8404, 19.3075 by changing the saturation by 10% instead.

■ 18.3219, 17.8404,
19.3075

■ 18.3219, 17.8404,
19.3075

235.6899,
239.9699, 260.6202

■ 11.2824, 10.8355,
11.7136

■ 40.1109, 39.7652,
43.0967

■ 6.3258, 5.9563,
6.4288

■ 55.5911, 55.4538,
60.1290

■ 3.0867, 2.8185,
3.0346

■ 74.6156, 74.8058,
81.1446

■ 1.1998, 1.0377,
1.1123

■ 97.5497, 98.2056,
106.5620

■ 0.1062, 0.0000,
0.0000

124.7589,
126.0374, 136.7997

■ 0.0000, 0.0000,
0.0000

156.6084,

158.6859, 172.2763

193.4636,
196.5352, 213.4103

■ 18.3219, 17.8404,
19.3075

■ 18.3219, 17.8404,
19.3075

■ 16.4204, 14.9236,
15.9411

■ 20.4943, 21.1992,
23.0710

■ 14.7775, 12.4280,
12.9576

■ 22.9462, 25.0149,
27.2429

■ 13.3824, 10.3348,
10.3435

■ 25.6877, 29.3046,
31.8356

■ 12.2226, 8.6228,
8.0842

■ 28.7280, 34.0838,
36.8605

■ 11.2849, 7.2687,
6.1639

■ 32.0756, 39.3674,
42.3285

■ 10.5543, 6.2470,
4.5658

■ 35.7391, 45.1696,
48.2502

■ 10.0142, 5.5283,
3.2715

■ 39.7263, 51.5039,
54.6359

■ 9.6449, 5.0778,
2.2602

■ 44.0452, 58.3836,
61.4955

■ 9.4478, 4.8426,
1.7040

■ 48.7032, 65.8212,
68.8386

Harmonies

Analogous

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



18.1564, 17.8404, 21.2840



18.3219, 17.8404, 19.3075



18.1134, 17.8404, 17.4868

Triad

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



18.3219, 17.8404, 19.3075



16.2657, 17.8404, 16.3621



16.3351, 17.8404, 22.9802

Complementary

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



18.3219, 17.8404, 19.3075



18.5592, 20.9827, 22.8115

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.



15.8505, 17.8404, 21.5018



18.3219, 17.8404, 19.3075



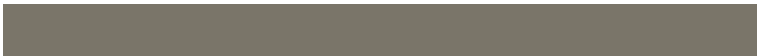
15.8111, 17.8404, 17.6779

Square

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



18.3219, 17.8404, 19.3075



16.9156, 17.8404, 15.8595



15.6612, 17.8404, 19.5433



16.9980, 17.8404, 23.4888

Rectangle

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



18.3219, 17.8404, 19.3075



17.7936, 17.8404, 16.5825



15.6612, 17.8404, 19.5433



16.1466, 17.8404, 22.5754

Sweetspot

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



18.3224, 17.8412, 19.3079



35.6812, 36.6963, 39.9240



18.5023, 17.8394, 23.5874



8.0167, 8.2137, 8.9341



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



18.3224, 17.8412, 19.3079



31.1142, 29.6462, 31.9773



18.5775, 18.7197, 18.2578



4.3660, 4.3596, 4.7320



9.0612, 4.6442, 1.6463



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.3224, 17.8412, 19.3079



31.1142, 29.6462, 31.9773



18.2688, 19.9808, 24.0131



4.3660, 4.3596, 4.7320



9.0612, 4.6442, 1.6463



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3219, 17.8404, 19.3075 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 18.3219, 17.8404, 19.3075 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 18.3219, 17.8404, 19.3075

Background



This preview shows how black text looks on a background with the XYZ color 18.3219, 17.8404, 19.3075.

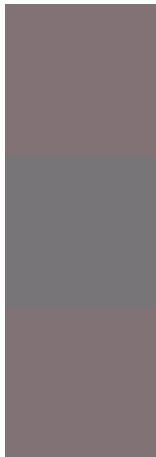


This preview shows how white text looks on a background with the XYZ color 18.3219, 17.8404,

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

18.3219, 17.8404, 19.3075

Protanopia

17.2988, 17.9764, 20.0108

Deuteranopia

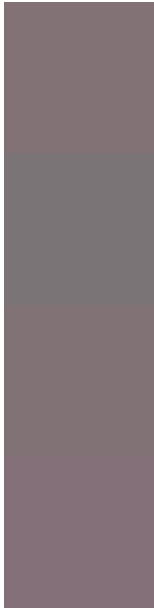
18.2815, 17.9861, 19.3378



Tritanopia

18.6054, 17.7941, 20.5432

Trichromacy



Original Color

18.3219, 17.8404, 19.3075

Protanomaly

17.6838, 18.0097, 19.6837

Deuteranomaly

18.2815, 17.9861, 19.3378

Tritanomaly

18.5444, 17.7697, 20.2218

Monochromacy



Original Color

18.3219, 17.8404, 19.3075

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7997, 18.2415, 19.7224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3219, 17.8404, 19.3075 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(130, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 113, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.3219, 17.8404, 19.3075 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(130, 113, 117) }
```


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

```
.border{ border-color:rgb(130, 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(130, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(130, 113,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3219, 17.8404, 19.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 113, 117) }
```

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

```
.background{ background-color: rgb(130,  
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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