

Converting Colors

XYZ(18.2898, 17.6717, 20.9736)

Have a look what the booklet for
XYZ(18.2898, 17.6717, 20.9736)
contains.

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Color

**XYZ(18.2091, 17.5827,
20.8464)**

Conversions

Conversions Part 1

Format	Color
Hex	80707A
RGB	128, 112, 122
RGB Percent	50%, 44%, 48%
CMY	0.4980, 0.5608, 0.5216
CMYK	0.00, 0.12, 0.05, 0.50
HSL	323°, 7%, 47%
HSV	323°, 12%, 50%
XYZ	18.2091, 17.5827, 20.8464
YIQ	117.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

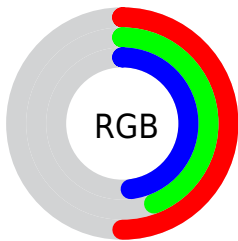
Format	Color
R_{YB}	128, 112, 122
Decimal	8417402
CIE _{Lab}	48.99, 8.13, -3.23
CIE _{LCh}	49, 8.744, 338.349
Yxy	17.5827, 0.3215, 0.3104
Android (android.graphics.Color)	4286607482 (0xFF80707A)
YUV	117.9240, 2.0095, 8.8367
Hunter-Lab	41.9317, 4.1341, -0.1239

Details

The XYZ color **18.2091, 17.5827, 20.8464** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6720, 20.1915, 20.1065**, and the grayscale version is **17.1891, 18.0842, 19.6937**.

A 20% lighter version of the original color is **39.9715, 39.4307, 45.5486**, and **6.2604, 5.8101, 7.0948** is the 20% darker color. If you saturate the color by 10%, you get **16.6060, 14.8405, 18.8806**, and if you desaturate by 10%, it is **20.0288, 20.7339, 22.9573**.

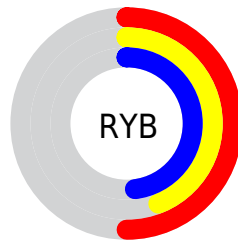
Distribution



Red (50%)

Green (44%)

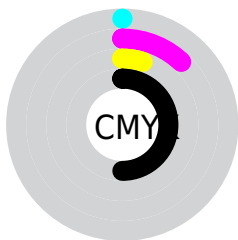
Blue (48%)



Red (50%)

Yellow (44%)

Blue (48%)

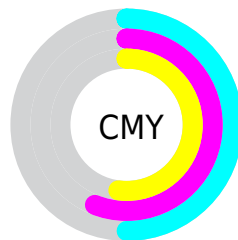


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2091, 17.5827, 20.8464 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 18.2091, 17.5827, 20.8464 by changing the saturation by 10% instead.

■ 18.2091, 17.5827,
20.8464

■ 18.2091, 17.5827,
20.8464

235.0699,
238.5083, 269.2153

■ 11.2008, 10.6508,
12.8216

■ 39.9206, 39.3250,
45.7092

■ 6.2704, 5.8325,
7.1765

■ 55.3545, 54.9041,
63.3844

■ 3.0524, 2.7435,
3.4926

■ 74.3277, 74.1345,
85.1134

■ 1.1815, 0.9993,
1.3514

■ 97.2055, 97.4005,
111.3148

■ 0.0917, 0.0000,
0.1033

124.3532,
125.0864, 142.4071

■ 0.0000, 0.0000,
0.0000

156.1363,

157.5768, 178.8090

192.9201,
195.2560, 220.9388

■ 18.2091, 17.5827,
20.8464

■ 18.2091, 17.5827,
20.8464

■ 16.6060, 14.8405,
18.8806

■ 20.0288, 20.7339,
22.9573

■ 15.2092, 12.4882,
17.0549

■ 22.0715, 24.3077,
25.2159

■ 14.0100, 10.5081,
15.3654

■ 24.3457, 28.3200,
27.6261

■ 12.9985, 8.8810,
13.8079

■ 26.8584, 32.7851,
30.1914

■ 12.1637, 7.5852,
12.3775

■ 29.6169, 37.7168,
32.9151

■ 11.4937, 6.5971,
11.0691

■ 32.6277, 43.1281,
35.8002

■ 10.9747, 5.8897,
9.8770

■ 35.8973, 49.0315,
38.8499

■ 10.5908, 5.4315,
8.7947

■ 39.4319, 55.4393,
42.0672

■ 10.3499, 5.1683,
8.0401

■ 43.2375, 62.3632,
45.4549

Harmonies

Analogous

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



17.7018, 17.5827, 22.8793



18.2091, 17.5827, 20.8464



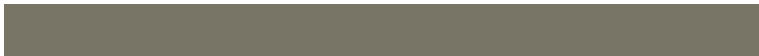
18.3086, 17.5827, 18.5011

Triad

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



18.2091, 17.5827, 20.8464



16.4856, 17.5827, 15.0434



15.5142, 17.5827, 22.0624

Complementary

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



18.2091, 17.5827, 20.8464



17.6720, 20.1915, 20.1065

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.



15.2107, 17.5827, 19.8028



18.2091, 17.5827, 20.8464



15.7595, 17.5827, 15.8401

Square

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



18.2091, 17.5827, 20.8464



17.2959, 17.5827, 15.2734



15.2990, 17.5827, 17.5380



16.1410, 17.5827, 23.6201

Rectangle

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



18.2091, 17.5827, 20.8464



18.1274, 17.5827, 17.0941



15.2990, 17.5827, 17.5380



15.3719, 17.5827, 21.3528

Sweetspot

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



18.2096, 17.5835, 20.8468



34.7268, 35.5714, 39.8098



17.1443, 16.9900, 22.7981



8.0789, 8.2386, 9.2616



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.



18.2096, 17.5835, 20.8468



31.2186, 29.5113, 35.6924



17.7417, 17.3963, 18.3830



4.4319, 4.3859, 5.0787



10.2632, 5.1250, 7.9759



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.2096, 17.5835, 20.8468



31.2186, 29.5113, 35.6924



18.1591, 20.3864, 22.6718



4.4319, 4.3859, 5.0787



10.2632, 5.1250, 7.9759



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.2091, 17.5827, 20.8464 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 18.2091, 17.5827, 20.8464 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 18.2091, 17.5827, 20.8464

Background



This preview shows how black text looks on a background with the XYZ color 18.2091, 17.5827, 20.8464.



This preview shows how white text looks on a background with the XYZ color 18.2091, 17.5827,

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

18.2091, 17.5827, 20.8464

Protanopia

17.0859, 17.6590, 21.5768

Deuteranopia

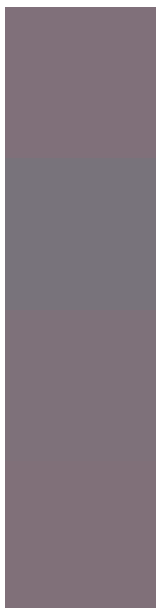
17.8754, 17.5754, 20.8626



Tritanopia

18.1474, 17.5580, 20.5217

Trichromacy



Original Color

18.2091, 17.5827, 20.8464

Protanomaly

17.4516, 17.6846, 21.2326

Deuteranomaly

18.0222, 17.6510, 20.8695

Tritanomaly

18.1474, 17.5580, 20.5217

Monochromacy



Original Color

18.2091, 17.5827, 20.8464

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.6012, 17.9603, 19.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2091, 17.5827, 20.8464 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(128, 112, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 112, 122)  
}
```

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(128, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 112, 122) }
```

Border

The CSS property to change the border of an element to XYZ 18.2091, 17.5827, 20.8464 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(128, 112, 122) }
```


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

```
.border{ border-color:rgb(128, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(128, 112,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2091, 17.5827, 20.8464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 112, 122) }
```

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

```
.background{ background-color: rgb(128,  
112, 122) }
```

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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