

Converting Colors

XYZ(18.5068, 17.7284, 22.6964)

Have a look what the booklet for
XYZ(18.5068, 17.7284, 22.6964)
contains.

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Color

**XYZ(18.5925, 17.7360,
22.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	807080
RGB	128, 112, 128
RGB Percent	50%, 44%, 50%
CMY	0.4980, 0.5608, 0.4980
CMYK	0.00, 0.12, 0.00, 0.50
HSL	300°, 7%, 47%
HSV	300°, 12%, 50%
XYZ	18.5925, 17.7360, 22.8655
YIQ	118.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

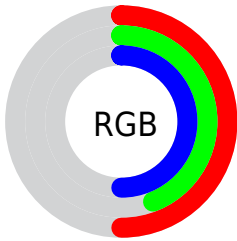
Format	Color
R_{YB}	128, 112, 128
Decimal	8417408
CIE Lab	49.17, 9.32, -6.51
CIE LCh	49, 11.372, 325.083
Yxy	17.7360, 0.3141, 0.2996
Android (android.graphics.Color)	4286607488 (0xFF807080)
YUV	118.6080, 4.6303, 8.2368
Hunter-Lab	42.1141, 5.1043, -2.7111

Details

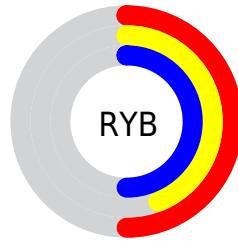
The XYZ color **18.5925, 17.7360, 22.8655** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3265, 20.0534, 18.2876**, and the grayscale version is **17.3961, 18.3021, 19.9309**.

A 20% lighter version of the original color is **40.6720, 39.7109, 49.2374**, and **6.4691, 5.8936, 8.1937** is the 20% darker color. If you saturate the color by 10%, you get **17.2796, 15.1099, 22.4280**, and if you desaturate by 10%, it is **20.1072, 20.7652, 23.3707**.

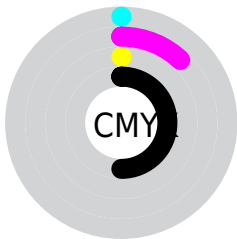
Distribution



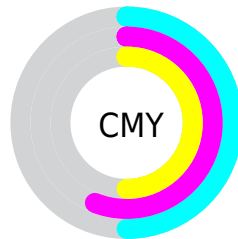
- Red (50%)
- Green (44%)
- Blue (50%)



- Red (50%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5925, 17.7360, 22.8655 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 18.5925, 17.7360, 22.8655 by changing the saturation by 10% instead.

■ 18.5925, 17.7360,
22.8655

■ 18.5925, 17.7360,
22.8655

237.1713,
239.3788, 280.1329

■ 11.4785, 10.7606,
14.2899

■ 40.5666, 39.5870,
49.0928

■ 6.4593, 5.9061,
8.1815

■ 56.1574, 55.2313,
67.5815

■ 3.1696, 2.7881,
4.1219

■ 75.3044, 74.5341,
90.2116

■ 1.2441, 1.0221,
1.6924

■ 98.3731, 97.8798,
117.4018

■ 0.1407, 0.0000,
0.3555

125.7288,
125.6527, 149.5704

■ 0.0000, 0.0000,
0.0000

157.7368,

158.2372, 187.1361

194.7625,
196.0178, 230.5175

■ 18.5925, 17.7360,
22.8655

■ 18.5925, 17.7360,
22.8655

■ 17.2796, 15.1099,
22.4280

■ 20.1072, 20.7652,
23.3707

■ 16.1586, 12.8679,
22.0543

■ 21.8302, 24.2111,
23.9450

■ 15.2208, 10.9924,
21.7417

■ 23.7693, 28.0894,
24.5914

■ 14.4567, 9.4642,
21.4870

■ 25.9319, 32.4144,
25.3123

■ 13.8556, 8.2619,
21.2866

■ 28.3245, 37.1998,
26.1099

■ 13.4055, 7.3618,
21.1365

■ 30.9539, 42.4585,
26.9864

■ 13.0931, 6.7371,
21.0324

■ 33.8262, 48.2030,
27.9438

■ 12.9027, 6.3562,
20.9688

■ 36.9474, 54.4455,
28.9843

■ 12.7985, 6.1478,
20.9341

■ 40.3234, 61.1974,
30.1096

Harmonies

Analogous

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



17.7404, 17.7360, 25.1231



18.5925, 17.7360, 22.8655



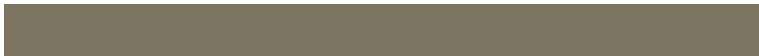
18.9805, 17.7360, 19.8184

Triad

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



18.5925, 17.7360, 22.8655



17.0336, 17.7360, 14.0393



15.0706, 17.7360, 21.9051

Complementary

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



18.5925, 17.7360, 22.8655



17.3265, 20.0534, 18.2876

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.



14.8991, 17.7360, 18.8133



18.5925, 17.7360, 22.8655



16.0045, 17.7360, 14.4733

Square

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



18.5925, 17.7360, 22.8655



18.0567, 17.7360, 14.8919



15.2340, 17.7360, 16.1463



15.7127, 17.7360, 24.5289

Rectangle

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



18.5925, 17.7360, 22.8655



18.9124, 17.7360, 17.8257



15.2340, 17.7360, 16.1463



14.9572, 17.7360, 20.8776

Sweetspot

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



18.5930, 17.7368, 22.8659



34.9523, 35.6616, 40.9974



16.3733, 16.5925, 22.7620



8.1402, 8.2631, 9.5842



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.



18.5930, 17.7368, 22.8659



32.0418, 29.8406, 40.0272



18.0870, 17.5343, 20.2011



4.4982, 4.4124, 5.4279



12.6904, 6.0959, 20.7574



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.5930, 17.7368, 22.8659



32.0418, 29.8406, 40.0272



17.7920, 20.2396, 20.7388



4.4982, 4.4124, 5.4279



12.6904, 6.0959, 20.7574



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5925, 17.7360, 22.8655 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 18.5925, 17.7360, 22.8655 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 18.5925, 17.7360, 22.8655

Background



This preview shows how black text looks on a background with the XYZ color 18.5925, 17.7360, 22.8655.



This preview shows how white text looks on a background with the XYZ color 18.5925, 17.7360,

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

18.5925, 17.7360, 22.8655

Protanopia

17.4124, 17.7743, 23.9858

Deuteranopia

18.0820, 17.8041, 22.9056



Tritanopia

18.1704, 17.7274, 20.8764

Trichromacy



Original Color

18.5925, 17.7360, 22.8655

Protanomaly

17.9057, 17.8662, 23.6239

Deuteranomaly

18.2589, 17.7287, 22.8817

Tritanomaly

18.2956, 17.7775, 21.5359

Monochromacy



Original Color

18.5925, 17.7360, 22.8655

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7843, 18.0335, 20.9558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5925, 17.7360, 22.8655 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, 128)` looks like.

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

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, 128) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 18.5925, 17.7360, 22.8655 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, 128) }
```


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

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

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, 128)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 18.5925, 17.7360, 22.8655 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, 128) }
```

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

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

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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