

Converting Colors

XYZ(18.3661, 17.4481, 22.6498)

Have a look what the booklet for
XYZ(18.3661, 17.4481, 22.6498)
contains.

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Color

**XYZ(18.3331, 17.4394,
22.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6F80
RGB	127, 111, 128
RGB Percent	50%, 44%, 50%
CMY	0.5020, 0.5647, 0.4980
CMYK	0.01, 0.13, 0.00, 0.50
HSL	296°, 7%, 47%
HSV	296°, 13%, 50%
XYZ	18.3331, 17.4394, 22.8220
YIQ	117.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

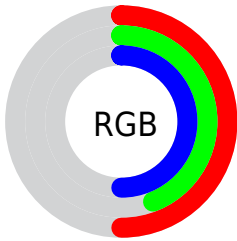
Format	Color
R_{YB}	127, 111, 128
Decimal	8351616
CIE _{Lab}	48.81, 9.54, -7.06
CIE _{LCh}	49, 11.873, 323.492
Yxy	17.4394, 0.3129, 0.2976
Android (android.graphics.Color)	4286541696 (0xFF7F6F80)
YUV	117.7220, 5.0671, 8.1368
Hunter-Lab	41.7605, 5.2816, -3.1695

Details

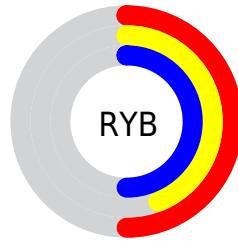
The XYZ color **18.3331, 17.4394, 22.8220** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2712, 20.0313, 17.9959**, and the grayscale version is **17.1172, 18.0086, 19.6114**.

A 20% lighter version of the original color is **40.2601, 39.2339, 49.1670**, and **6.3307, 5.7392, 8.1713** is the 20% darker color. If you saturate the color by 10%, you get **16.9238, 14.7864, 22.3845**, and if you desaturate by 10%, it is **19.9444, 20.4947, 23.3271**.

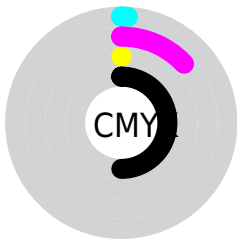
Distribution



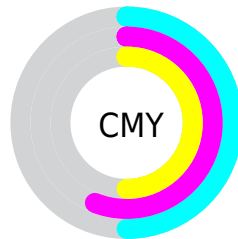
- Red (50%)
- Green (44%)
- Blue (50%)



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



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3331, 17.4394, 22.8220 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 18.3331, 17.4394, 22.8220 by changing the saturation by 10% instead.

■ 18.3331, 17.4394,
22.8220

■ 18.3331, 17.4394,
22.8220

235.7514,
237.6919, 279.9017

■ 11.2905, 10.5483,
14.2581

■ 40.1298, 39.0797,
49.0204

■ 6.3313, 5.7640,
8.1596

■ 55.6146, 54.5977,
67.4919

■ 3.0901, 2.7021,
4.1080

■ 74.6441, 73.7601,
90.1030

■ 1.2016, 0.9783,
1.6848

■ 97.5839, 96.9513,
117.2723

■ 0.1076, 0.0000,
0.3503

124.7991,
124.5557, 149.4182

■ 0.0000, 0.0000,
0.0000

156.6552,

156.9576, 186.9594

193.5175,
194.5416, 230.3144

■ 18.3331, 17.4394,
22.8220

■ 18.3331, 17.4394,
22.8220

■ 16.9238, 14.7864,
22.3845

■ 19.9444, 20.4947,
23.3271

■ 15.7065, 12.5164,
22.0105

■ 21.7642, 23.9659,
23.9012

■ 14.6726, 10.6121,
21.6974

■ 23.8005, 27.8688,
24.5472

■ 13.8124, 9.0538,
21.4419

■ 26.0605, 32.2178,
25.2675

■ 13.1150, 7.8201,
21.2406

■ 28.5509, 37.0265,
26.0644

■ 12.5686, 6.8870,
21.0893

■ 31.2784, 42.3080,
26.9401

■ 12.1597, 6.2276,
20.9835

■ 34.2491, 48.0748,
27.8966

■ 11.8715, 5.8085,
20.9178

■ 37.4692, 54.3390,
28.9360

■ 11.7074, 5.5853,
20.8834

■ 40.9445, 61.1123,
30.0602

Harmonies

Analogous

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



17.4325, 17.4394, 25.0982



18.3331, 17.4394, 22.8220



18.7654, 17.4394, 19.6828

Triad

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



18.3331, 17.4394, 22.8220



16.8163, 17.4394, 13.5872



14.7119, 17.4394, 21.5050

Complementary

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



18.3331, 17.4394, 22.8220



17.2712, 20.0313, 17.9959

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.



14.5632, 17.4394, 18.3108



18.3331, 17.4394, 22.8220



15.7473, 17.4394, 13.9608

Square

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



18.3331, 17.4394, 22.8220



17.8651, 17.4394, 14.5271



14.9342, 17.4394, 15.6104



15.3498, 17.4394, 24.2811

Rectangle

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



18.3331, 17.4394, 22.8220



18.7169, 17.4394, 17.6110



14.9342, 17.4394, 15.6104



14.6042, 17.4394, 20.4361

Sweetspot

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



18.3336, 17.4402, 22.8224



34.8708, 35.6196, 40.9936



16.2615, 16.5567, 22.7611



8.1180, 8.2517, 9.5832



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.



18.3336, 17.4402, 22.8224



31.4750, 29.1886, 39.9313



18.0158, 17.3303, 20.3676



4.4740, 4.3999, 5.4267



11.6089, 5.5383, 20.7071



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5118, 17.1287, 17.7133



29.7316, 28.5288, 29.0572



17.5672, 20.1351, 20.2152



4.3372, 4.3480, 4.5804



8.8682, 4.5670, 0.6295



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3331, 17.4394, 22.8220 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 18.3331, 17.4394, 22.8220 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 18.3331, 17.4394, 22.8220

Background



This preview shows how black text looks on a background with the XYZ color 18.3331, 17.4394, 22.8220.



This preview shows how white text looks on a background with the XYZ color 18.3331, 17.4394,

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

18.3331, 17.4394, 22.8220

Protanopia

17.1669, 17.4776, 23.9414

Deuteranopia

17.8274, 17.5063, 22.8615



Tritanopia

17.8495, 17.4044, 20.5078

Trichromacy



Original Color

18.3331, 17.4394, 22.8220

Protanomaly

17.6543, 17.5683, 23.5796

Deuteranomaly

18.0026, 17.4319, 22.8379

Tritanomaly

18.0364, 17.4792, 21.4920

Monochromacy



Original Color

18.3331, 17.4394, 22.8220

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5287, 17.7316, 20.9110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3331, 17.4394, 22.8220 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(127, 111, 128)` looks like.

```
.text, #text, p{  
    color:rgb(127, 111, 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(127, 111, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 111, 128) }
```

Border

The CSS property to change the border of an element to XYZ 18.3331, 17.4394, 22.8220 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(127, 111, 128) }
```


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

```
.border{ border-color:rgb(127, 111, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 111, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 111, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 111, 128);  
box-shadow:4px 4px 4px 4px rgb(127, 111,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3331, 17.4394, 22.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 111, 128) }
```

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

```
.background{ background-color: rgb(127,  
111, 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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