

Converting Colors

XYZ(17.5090, 15.8275, 22.0723)

Have a look what the booklet for
XYZ(17.5090, 15.8275, 22.0723)
contains.

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Color

**XYZ(17.5831, 15.8220,
22.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	80677F
RGB	128, 103, 127
RGB Percent	50%, 40%, 50%
CMY	0.4980, 0.5961, 0.5020
CMYK	0.00, 0.20, 0.01, 0.50
HSL	302°, 11%, 45%
HSV	302°, 20%, 50%
XYZ	17.5831, 15.8220, 22.2059
YIQ	113.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

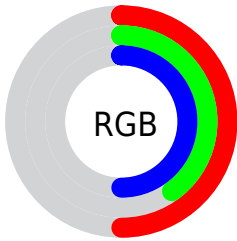
Format	Color
R_{YB}	128, 103, 127
Decimal	8415103
CIE Lab	46.74, 14.47, -9.55
CIE LCh	47, 17.335, 326.564
Yxy	15.8220, 0.3162, 0.2845
Android (android.graphics.Color)	4286605183 (0xFF80677F)
YUV	113.2110, 6.7980, 12.9700
Hunter-Lab	39.7769, 9.2952, -5.2555

Details

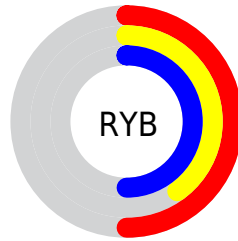
The XYZ color **17.5831, 15.8220, 22.2059** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8120, 19.3218, 15.9937**, and the grayscale version is **15.7380, 16.5576, 18.0312**.

A 20% lighter version of the original color is **38.8499, 36.2302, 48.1255**, and **6.0138, 5.0407, 7.8637** is the 20% darker color. If you saturate the color by 10%, you get **16.3730, 13.4549, 21.6385**, and if you desaturate by 10%, it is **18.9892, 18.5804, 22.8399**.

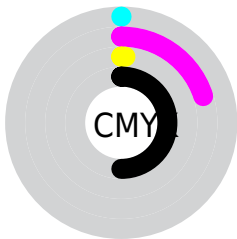
Distribution



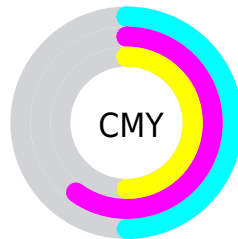
- Red (50%)
- Green (40%)
- Blue (50%)



- Red (50%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5831, 15.8220, 22.2059 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 17.5831, 15.8220, 22.2059 by changing the saturation by 10% instead.

■ 17.5831, 15.8220,
22.2059

■ 17.5831, 15.8220,
22.2059

231.6019,
228.2891, 276.6082

■ 10.7490, 9.3983,
13.8085

■ 38.8613, 36.2889,
47.9926

■ 5.9643, 5.0019,
7.8504

■ 54.0361, 51.1009,
66.2190

■ 2.8639, 2.2484,
3.9130

■ 72.7218, 69.4778,
88.5588

■ 1.0822, 0.7462,
1.5777

■ 95.2839, 91.8039,
115.4306

■ 0.0101, 0.0000,
0.2748

122.0875,
118.4637, 147.2529

■ 0.0000, 0.0000,
0.0000

153.4982,

149.8416, 184.4442

189.8812,
186.3219, 227.4231

■ 17.5831, 15.8220,
22.2059

■ 17.5831, 15.8220,
22.2059

■ 16.3730, 13.4549,
21.6385

■ 18.9892, 18.5804,
22.8399

■ 15.3487, 11.4593,
21.1336

■ 20.5982, 21.7446,
23.5422

■ 14.5012, 9.8170,
20.6885

■ 22.4184, 25.3309,
24.3157

■ 13.8200, 8.5071,
20.2997

■ 24.4571, 29.3540,
25.1629

■ 13.2938, 7.5069,
19.9633

■ 26.7214, 33.8279,
26.0861

12.9096, 6.7905,
19.6752

29.2180, 38.7662,
27.0876

12.6526, 6.3280,
19.4302

31.9534, 44.1817,
28.1695

12.4779, 6.0300,
19.2136

34.9336, 50.0867,
29.3339

12.4698, 6.0163,
19.2034

38.1647, 56.4931,
30.5828

Harmonies

Analogous

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



16.3691, 15.8220, 25.7481



17.5831, 15.8220, 22.2059



18.1138, 15.8220, 17.7286

Triad

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



17.5831, 15.8220, 22.2059



15.2123, 15.8220, 10.2120



12.5971, 15.8220, 21.2032

Complementary

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



17.5831, 15.8220, 22.2059



15.8120, 19.3218, 15.9937

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.



12.3323, 15.8220, 16.7359



17.5831, 15.8220, 22.2059



13.7818, 15.8220, 10.8305

Square

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



17.5831, 15.8220, 22.2059



16.6888, 15.8220, 11.1989



12.7518, 15.8220, 13.0550



13.5005, 15.8220, 25.1047

Rectangle

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



17.5831, 15.8220, 22.2059



17.9841, 15.8220, 14.9725



12.7518, 15.8220, 13.0550



12.4332, 15.8220, 19.6982

Sweetspot

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



17.5836, 15.8227, 22.2062



34.3529, 34.5210, 40.6182



14.4368, 14.1929, 22.4010



8.0093, 8.0162, 9.4951



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.



17.5836, 15.8227, 22.2062



30.0654, 26.1098, 38.6836



16.8282, 15.5206, 18.2287



4.4910, 4.4095, 5.3899



12.3647, 5.9656, 19.0420



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5836, 15.8227, 22.2062



30.0654, 26.1098, 38.6836



16.4851, 19.5911, 19.5380



4.4910, 4.4095, 5.3899



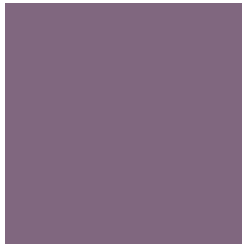
12.3647, 5.9656, 19.0420



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.5831, 15.8220, 22.2059 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 17.5831, 15.8220, 22.2059 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 17.5831, 15.8220, 22.2059

Background



This preview shows how black text looks on a background with the XYZ color 17.5831, 15.8220, 22.2059.



This preview shows how white text looks on a background with the XYZ color 17.5831, 15.8220,

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

17.5831, 15.8220, 22.2059

Protanopia

15.8042, 15.9436, 24.0742

Deuteranopia

16.1987, 15.8763, 21.9493



Tritanopia

16.6930, 15.7537, 18.0805

Trichromacy



Original Color

17.5831, 15.8220, 22.2059

Protanomaly

16.3572, 15.7719, 23.3013

Deuteranomaly

16.6657, 15.8075, 21.9114

Tritanomaly

17.0325, 15.7446, 19.5941

Monochromacy



Original Color

17.5831, 15.8220, 22.2059

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.2099, 16.0968, 19.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5831, 15.8220, 22.2059 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, 103, 127)` looks like.

```
.text, #text, p{  
    color:rgb(128, 103, 127)  
}
```

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, 103, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 103, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.5831, 15.8220, 22.2059 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, 103, 127) }
```


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

```
.border{ border-color:rgb(128, 103, 127) }
```

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

Here you see how a box with a 4 pixel rgb(128, 103, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 103, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 103, 127);  
box-shadow:4px 4px 4px 4px rgb(128, 103,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5831, 15.8220, 22.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 103, 127) }
```

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

```
.background{ background-color: rgb(128,  
103, 127) }
```

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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