

Converting Colors

XYZ(18.2370, 17.8774, 15.5908)

Have a look what the booklet for
XYZ(18.2370, 17.8774, 15.5908)
contains.

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Color

**XYZ(18.2353, 17.8781,
15.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	867168
RGB	134, 113, 104
RGB Percent	53%, 44%, 41%
CMY	0.4745, 0.5568, 0.5922
CMYK	0.00, 0.16, 0.22, 0.47
HSL	18°, 13%, 47%
HSV	18°, 22%, 53%
XYZ	18.2353, 17.8781, 15.5864
YIQ	118.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

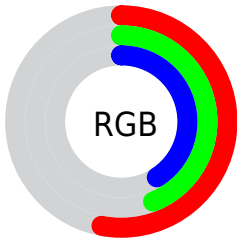
Format	Color
R_{YB}	134, 117, 104
Decimal	8810856
CIE Lab	49.35, 6.71, 8.05
CIE LCh	49, 10.474, 50.193
Yxy	17.8781, 0.3527, 0.3458
Android (android.graphics.Color)	4287000936 (0xFF867168)
YUV	118.2530, -7.0267, 13.8101
Hunter-Lab	42.2825, 2.9878, 7.7420

Details

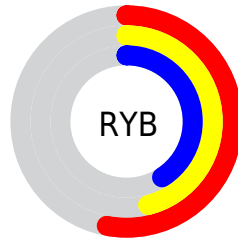
The XYZ color **18.2353, 17.8781, 15.5864** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3453, 19.3308, 25.3712**, and the grayscale version is **17.3176, 18.2194, 19.8410**.

A 20% lighter version of the original color is **40.1106, 39.9682, 36.6109**, and **6.2850, 5.9608, 4.6902** is the 20% darker color. If you saturate the color by 10%, you get **16.6153, 15.6421, 11.9510**, and if you desaturate by 10%, it is **20.0726, 20.3753, 19.8283**.

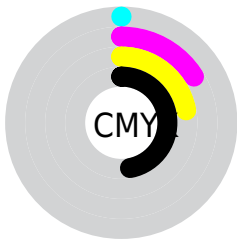
Distribution



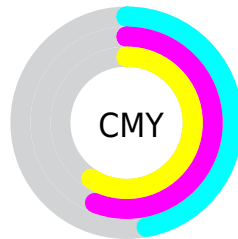
- Red (53%)
- Green (44%)
- Blue (41%)



- Red (53%)
- Yellow (46%)
- Blue (41%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2353, 17.8781, 15.5864 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 18.2353, 17.8781, 15.5864 by changing the saturation by 10% instead.

■ 18.2353, 17.8781,
15.5864

■ 18.2353, 17.8781,
15.5864

235.2140,
240.1831, 238.6504

■ 11.2198, 10.8625,
9.0808

■ 39.9648, 39.8295,
36.6354

■ 6.2832, 5.9745,
4.6964

■ 55.4095, 55.5341,
52.0159

■ 3.0603, 2.8296,
2.0146

■ 74.3946, 74.9038,
71.1917

■ 1.1858, 1.0434,
0.5643

■ 97.2855, 98.3231,
94.5815

■ 0.0951, 0.0000,
0.0000

124.4475,
126.1762, 122.6037

■ 0.0000, 0.0000,
0.0000

156.2461,

158.8477, 155.6769

193.0464,
196.7218, 194.2196

■ 18.2353, 17.8781,
15.5864

■ 18.2353, 17.8781,
15.5864

■ 16.6153, 15.6421,
11.9510

■ 20.0726, 20.3753,
19.8283

■ 15.2028, 13.6563,
8.8931

■ 22.1336, 23.1394,
24.7018

■ 13.9894, 11.9125,
6.3828

■ 24.4264, 26.1790,
30.2317

■ 12.9653, 10.4009,
4.3874

■ 26.9579, 29.5016,
36.4414

■ 12.1201, 9.1113,
2.8702

■ 29.7351, 33.1144,
43.3530

■ 11.4422, 8.0325,
1.7899

■ 32.7645, 37.0243,
50.9875

■ 10.9181, 7.1521,
1.0980

■ 36.0523, 41.2379,
59.3652

■ 10.5975, 6.6004,
0.7155

■ 39.6047, 45.7618,
68.5056

■ 43.4274, 50.6021,
78.4273

Harmonies

Analogous

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



18.8345, 17.8781, 17.6517



18.2353, 17.8781, 15.5864



17.3175, 17.8781, 14.5917

Triad

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



18.2353, 17.8781, 15.5864



15.1923, 17.8781, 18.5561



17.6554, 17.8781, 25.0189

Complementary

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



18.2353, 17.8781, 15.5864



17.3453, 19.3308, 25.3712

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.



16.6718, 17.8781, 25.3208



18.2353, 17.8781, 15.5864



15.2749, 17.8781, 21.4010

Square

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



18.2353, 17.8781, 15.5864



15.5776, 17.8781, 16.1934



15.8077, 17.8781, 23.9417



18.4908, 17.8781, 23.1528

Rectangle

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



18.2353, 17.8781, 15.5864



16.6593, 17.8781, 14.5969



15.8077, 17.8781, 23.9417



17.3303, 17.8781, 25.3133

Sweetspot

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



18.2358, 17.8789, 15.5868



37.2163, 38.3883, 39.2876



18.4836, 16.4498, 21.6030



8.3474, 8.5988, 8.7636



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.2358, 17.8789, 15.5868



30.5965, 29.3929, 23.9969



20.0494, 21.5062, 16.1913



4.7781, 4.8998, 4.9233



9.9401, 6.2027, 0.6733



0.0402, 0.0331, 0.0043

Inverse Universe

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



17.3453, 19.3308, 25.3712



28.7302, 32.4293, 44.4836



15.5881, 15.8163, 24.7855



4.6868, 5.0492, 5.9283



7.7755, 9.0988, 22.4831



0.0333, 0.0443, 0.0800

Previews

White Background



This preview shows how the XYZ color 18.2353, 17.8781, 15.5864 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 18.2353, 17.8781, 15.5864 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 18.2353, 17.8781, 15.5864

Background



This preview shows how black text looks on a background with the XYZ color 18.2353, 17.8781, 15.5864.



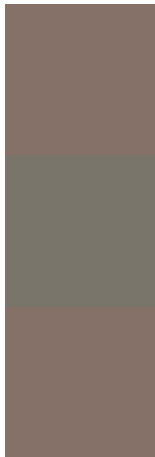
This preview shows how white text looks on a background with the XYZ color 18.2353, 17.8781,

15.5864.

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

18.2353, 17.8781, 15.5864

Protanopia

16.9888, 17.9008, 16.1955

Deuteranopia

18.2353, 17.8781, 15.5864



Tritanopia

19.1676, 17.9350, 19.9043

Trichromacy



Original Color

18.2353, 17.8781, 15.5864

Protanomaly

17.3994, 17.9463, 15.9115

Deuteranomaly

18.2353, 17.8781, 15.5864

Tritanomaly

18.8231, 17.9541, 18.3930

Monochromacy



Original Color

18.2353, 17.8781, 15.5864

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.5382, 17.9681, 18.1666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2353, 17.8781, 15.5864 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(134, 113, 104)` looks like.

```
.text, #text, p{  
    color:rgb(134, 113, 104)  
}
```

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(134, 113, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 113, 104) }
```

Border

The CSS property to change the border of an element to XYZ 18.2353, 17.8781, 15.5864 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(134, 113, 104) }
```


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

```
.border{ border-color:rgb(134, 113, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 113, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 113, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 113, 104);  
box-shadow:4px 4px 4px 4px rgb(134, 113,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2353, 17.8781, 15.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 113, 104) }
```

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

```
.background{ background-color: rgb(134,  
113, 104) }
```

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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