

Converting Colors

XYZ(17.1626, 18.2830, 18.8441)

Have a look what the booklet for
XYZ(17.1626, 18.2830, 18.8441)
contains.

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Color

**XYZ(17.1626, 18.2830,
18.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	767773
RGB	118, 119, 115
RGB Percent	46%, 47%, 45%
CMY	0.5373, 0.5333, 0.5490
CMYK	0.01, 0.00, 0.03, 0.53
HSL	75°, 2%, 46%
HSV	75°, 3%, 47%
XYZ	17.1626, 18.2830, 18.8441
YIQ	118.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

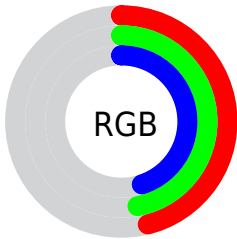
Format	Color
R_{YB}	115, 119, 116
Decimal	7763827
CIE Lab	49.84, -1.17, 2.06
CIE LCh	50, 2.369, 119.716
Yxy	18.2830, 0.3161, 0.3368
Android (android.graphics.Color)	4285953907 (0xFF767773)
YUV	118.2450, -1.5998, -0.2149
Hunter-Lab	42.7586, -3.1807, 3.8014

Details

The XYZ color **17.1626, 18.2830, 18.8441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6636, 17.3069, 19.9159**, and the grayscale version is **17.3018, 18.2029, 19.8229**.

A 20% lighter version of the original color is **38.1155, 40.4619, 42.3602**, and **5.7921, 6.2138, 6.2043** is the 20% darker color. If you saturate the color by 10%, you get **16.1236, 17.8220, 15.4487**, and if you desaturate by 10%, it is **18.3038, 18.7875, 22.7066**.

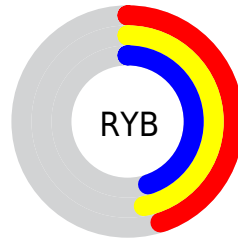
Distribution



Red (46%)

Green (47%)

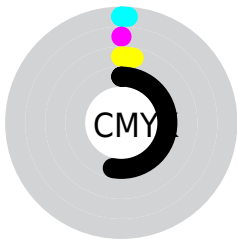
Blue (45%)



Red (45%)

Yellow (47%)

Blue (45%)

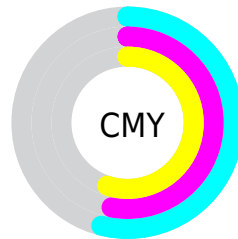


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (53%)



Cyan (54%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1626, 18.2830, 18.8441 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 17.1626, 18.2830, 18.8441 by changing the saturation by 10% instead.

■ 17.1626, 18.2830,
18.8441

■ 17.1626, 18.2830,
18.8441

229.2457,
242.4614, 257.9807

■ 10.4465, 11.1534,
11.3820

■ 38.1465, 40.5190,
42.3037

■ 5.7605, 6.1701,
6.2070

■ 53.1450, 56.3941,
59.1383

■ 2.7393, 2.9488,
2.9005

■ 71.6351, 75.9531,
79.9341

■ 1.0174, 1.1050,
1.0441

■ 93.9820, 99.5805,
105.1097

■ 0.0000, 0.0000,
0.0000

120.5512,
127.6606, 135.0836

151.7080,

160.5779, 170.2744

187.8177,
198.7167, 211.1006

■ 17.1626, 18.2830,
18.8441

■ 17.1626, 18.2830,
18.8441

■ 16.1236, 17.8220,
15.4487

■ 18.3038, 18.7875,
22.7066

■ 15.1819, 17.4008,
12.5014

■ 19.5490, 19.3346,
27.0518

■ 14.3342, 17.0186,
9.9840

■ 20.9019, 19.9262,
31.8959

■ 13.5766, 16.6739,
7.8761

■ 22.3653, 20.5636,
37.2541

■ 12.9048, 16.3650,
6.1561

■ 23.9423, 21.2479,
43.1410

■ 12.3142, 16.0899,
4.8002

■ 25.6356, 21.9802,
49.5706

■ 11.7997, 15.8467,
3.7820

■ 27.4478, 22.7617,
56.5563

■ 11.3555, 15.6330,
3.0714

■ 29.3814, 23.5933,
64.1110

■ 10.9740, 15.4457,
2.6297

■ 31.4391, 24.4761,
72.2474

Harmonies

Analogous

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



17.3796, 18.2830, 18.6865



17.1626, 18.2830, 18.8441



17.0043, 18.2830, 19.2851

Triad

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



17.1626, 18.2830, 18.8441



17.1589, 18.2830, 21.0029



17.8163, 18.2830, 19.9132

Complementary

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



17.1626, 18.2830, 18.8441



16.6636, 17.3069, 19.9159

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.



17.7560, 18.2830, 20.5422



17.1626, 18.2830, 18.8441



17.3753, 18.2830, 21.1797

Square

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



17.1626, 18.2830, 18.8441



17.0022, 18.2830, 20.5313



17.5941, 18.2830, 21.0093



17.7582, 18.2830, 19.2956

Rectangle

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



17.1626, 18.2830, 18.8441



16.9527, 18.2830, 19.6854



17.5941, 18.2830, 21.0093



17.8092, 18.2830, 20.1304

Sweetspot

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



17.1631, 18.2838, 18.8445



31.1938, 32.9436, 35.2841



16.9483, 17.6511, 18.7337



7.3962, 7.8089, 8.3740



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.1631, 18.2838, 18.8445



30.5892, 32.6759, 33.2661



16.8944, 18.1453, 18.8319



3.9930, 4.2719, 4.3194



11.3989, 16.2807, 2.5417



54.7345, 78.9184, 12.3480

Inverse Universe

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



16.6636, 17.3069, 19.9159



29.5033, 30.5523, 35.5953



16.9323, 17.4454, 19.9285



3.8371, 3.9670, 4.6537



4.0918, 1.7008, 18.6552



19.2607, 7.9378, 90.8773

Previews

White Background



This preview shows how the XYZ color 17.1626, 18.2830, 18.8441 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 17.1626, 18.2830, 18.8441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

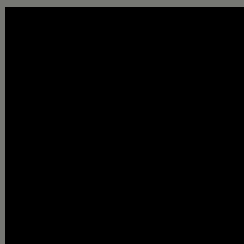
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

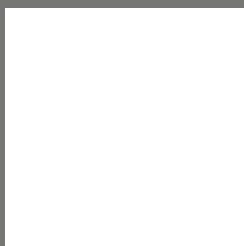
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1626, 18.2830, 18.8441

Background



This preview shows how black text looks on a background with the XYZ color 17.1626, 18.2830, 18.8441.



This preview shows how white text looks on a background with the XYZ color 17.1626, 18.2830,

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

17.1626, 18.2830, 18.8441

Protanopia

17.4009, 18.2367, 18.5225

Deuteranopia

18.6432, 18.3477, 19.0819



Tritanopia

17.9378, 18.2480, 22.6555

Trichromacy



Original Color

17.1626, 18.2830, 18.8441

Protanomaly

17.2614, 18.1648, 18.5160

Deuteranomaly

18.0020, 18.1874, 19.0847

Tritanomaly

17.6613, 18.3089, 21.3420

Monochromacy



Original Color

17.1626, 18.2830, 18.8441

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1605, 18.0928, 19.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1626, 18.2830, 18.8441 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(118, 119, 115)` looks like.

```
.text, #text, p{  
    color:rgb(118, 119, 115)  
}
```

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(118, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 119, 115) }
```

Border

The CSS property to change the border of an element to XYZ 17.1626, 18.2830, 18.8441 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(118, 119, 115) }
```


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

```
.border{ border-color:rgb(118, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(118, 119,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1626, 18.2830, 18.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 119, 115) }
```

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

```
.background{ background-color: rgb(118,  
119, 115) }
```

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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