

Converting Colors

XYZ(17.0196, 18.4455, 6.0898)

Have a look what the booklet for
XYZ(17.0196, 18.4455, 6.0898)
contains.

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Color

**XYZ(17.0709, 18.5190,
6.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	867735
RGB	134, 119, 53
RGB Percent	53%, 47%, 21%
CMY	0.4745, 0.5333, 0.7921
CMYK	0.00, 0.11, 0.60, 0.47
HSL	49°, 43%, 37%
HSV	49°, 60%, 53%
XYZ	17.0709, 18.5190, 6.0430
YIQ	115.9610, 30.1260, -17.3460

Conversions

Conversions Part 2

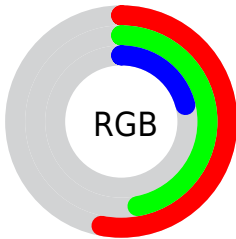
Format	Color
R_{YB}	71, 134, 53
Decimal	8812341
CIE Lab	50.12, -2.89, 37.71
CIE LCh	50, 37.821, 94.389
Yxy	18.5190, 0.4100, 0.4448
Android (android.graphics.Color)	4287002421 (0xFF867735)
YUV	115.9610, -31.0398, 15.8202
Hunter-Lab	43.0337, -4.5004, 21.7978

Details

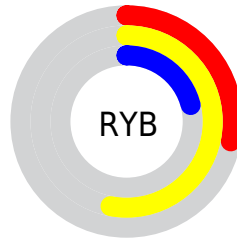
The XYZ color **17.0709, 18.5190, 6.0430** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.8383, 6.6122, 23.4172**, and the grayscale version is **16.6746, 17.5429, 19.1043**.

A 20% lighter version of the original color is **37.9474, 40.9039, 18.4656**, and **5.7493, 6.3069, 1.0005** is the 20% darker color. If you saturate the color by 10%, you get **16.5135, 17.8305, 4.5435**, and if you desaturate by 10%, it is **17.7231, 19.2592, 7.9999**.

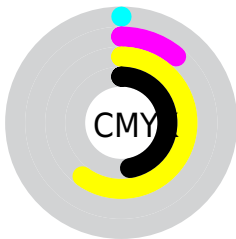
Distribution



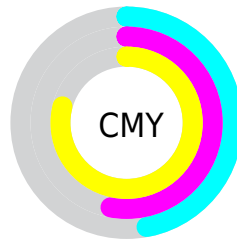
- Red (53%)
- Green (47%)
- Blue (21%)



- Red (28%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0709, 18.5190, 6.0430 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 17.0709, 18.5190, 6.0430 by changing the saturation by 10% instead.

■ 17.0709, 18.5190,
6.0430

■ 17.0709, 18.5190,
6.0430

■ 228.7289,
243.7803, 168.7737

■ 10.3807, 11.3232,
2.8020

■ 37.9903, 40.9197,
18.4993

■ 5.7163, 6.2847,
0.9945

■ 52.9501, 56.8935,
28.5517

■ 2.7123, 3.0190,
0.0000

■ 71.3972, 76.5620,
41.7116

■ 1.0035, 1.1416,
0.0000

■ 93.6969, 100.3097,
58.3977

■ 0.0000, 0.0132,
0.0000

■ 120.2146,
128.5210, 79.0284

■ 0.0000, 0.0000,
0.0000

■ 151.3156,

161.5803, 104.0223

187.3652,
199.8719, 133.7979

■ 17.0709, 18.5190,
6.0430

■ 17.0709, 18.5190,
6.0430

■ 16.5135, 17.8305,
4.5435

■ 17.7231, 19.2592,
7.9999

■ 16.0422, 17.1879,
3.4613

■ 18.4754, 20.0512,
10.4477

■ 15.6487, 16.5886,
2.7513

■ 19.3342, 20.8983,
13.4177

■ 15.3204, 16.0463,
2.2898

■ 20.3050, 21.8028,
16.9386

■ 21.3929, 22.7668,
21.0368

■ 22.6026, 23.7923,
25.7373

■ 23.9386, 24.8813,
31.0632

■ 25.4052, 26.0354,
37.0367

■ 27.0064, 27.2564,
43.6787

Harmonies

Analogous

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



20.8080, 18.5190, 6.9408



17.0709, 18.5190, 6.0430



13.9330, 18.5190, 7.7228

Triad

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



17.0709, 18.5190, 6.0430



12.4291, 18.5190, 33.7562



24.7073, 18.5190, 30.1428

Complementary

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



17.0709, 18.5190, 6.0430



7.8383, 6.6122, 23.4172

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.



21.8638, 18.5190, 41.6739



17.0709, 18.5190, 6.0430



14.7431, 18.5190, 44.2159

Square

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



17.0709, 18.5190, 6.0430



11.4984, 18.5190, 21.7392



18.1435, 18.5190, 47.5239



25.5542, 18.5190, 18.6668

Rectangle

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



17.0709, 18.5190, 6.0430



12.4972, 18.5190, 10.5902



18.1435, 18.5190, 47.5239



23.9357, 18.5190, 34.2529

Sweetspot

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



17.0713, 18.5199, 6.0434



36.1516, 38.7542, 31.2402



12.1851, 8.0469, 6.5741



8.0407, 8.6370, 6.6525



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.



17.0713, 18.5199, 6.0434



28.7323, 30.9351, 7.1268



15.5608, 20.6029, 6.5250



4.9684, 5.2804, 4.9867



14.3648, 15.0522, 2.1483



0.0545, 0.0616, 0.0090

Inverse Universe

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



7.8383, 6.6122, 23.4172



10.9515, 8.0447, 40.7140



8.6612, 5.8580, 23.2282



4.4991, 4.6739, 5.8658



4.3609, 2.2695, 21.3449



0.0191, 0.0158, 0.0753

Previews

White Background



This preview shows how the XYZ color 17.0709, 18.5190, 6.0430 looks on a white 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

Black Background



This preview shows how the XYZ color 17.0709, 18.5190, 6.0430 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 17.0709, 18.5190, 6.0430

Background



This preview shows how black text looks on a background with the XYZ color 17.0709, 18.5190, 6.0430.



This preview shows how white text looks on a background with the XYZ color 17.0709, 18.5190,

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

17.0709, 18.5190, 6.0430

Protanopia

17.0319, 18.6765, 6.0754

Deuteranopia

18.8959, 18.5969, 6.0837



Tritanopia

20.0606, 18.5443, 20.6113

Trichromacy



Original Color

17.0709, 18.5190, 6.0430

Protanomaly

17.0319, 18.6765, 6.0754

Deuteranomaly

18.2389, 18.5968, 6.1183

Tritanomaly

18.7233, 18.5093, 13.6522

Monochromacy



Original Color

17.0709, 18.5190, 6.0430

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.5055, 17.7238, 12.9070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0709, 18.5190, 6.0430 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, 119, 53)` looks like.

```
.text, #text, p{  
    color:rgb(134, 119, 53)  
}
```

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, 119, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 119, 53) }
```

Border

The CSS property to change the border of an element to XYZ 17.0709, 18.5190, 6.0430 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, 119, 53) }
```


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

```
.border{ border-color:rgb(134, 119, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 119, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 119, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 119, 53);  
box-shadow:4px 4px 4px 4px rgb(134, 119,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0709, 18.5190, 6.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 119, 53) }
```

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

```
.background{ background-color: rgb(134,  
119, 53) }
```

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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