

Converting Colors

XYZ(18.3720, 18.7123, 18.7879)

Have a look what the booklet for
XYZ(18.3720, 18.7123, 18.7879)
contains.

XYZ(18.3253, 18.7067, 18.8646)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.3253, 18.7067,
18.8646)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7673
RGB	127, 118, 115
RGB Percent	50%, 46%, 45%
CMY	0.5020, 0.5372, 0.5490
CMYK	0.00, 0.07, 0.09, 0.50
HSL	15°, 5%, 47%
HSV	15°, 9%, 50%
XYZ	18.3253, 18.7067, 18.8646
YIQ	120.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

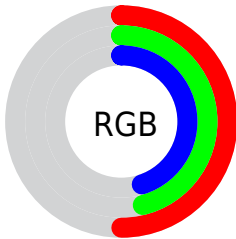
Format	Color
R_{YB}	127, 119, 115
Decimal	8353395
CIE _{Lab}	50.34, 2.89, 2.89
CIE _{LCh}	50, 4.087, 44.942
Yxy	18.7067, 0.3278, 0.3347
Android (android.graphics.Color)	4286543475 (0xFF7F7673)
YUV	120.3490, -2.6371, 5.8329
Hunter-Lab	43.2512, -0.0603, 4.4158

Details

The XYZ color **18.3253, 18.7067, 18.8646** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1085, 19.5920, 22.9059**, and the grayscale version is **17.9716, 18.9075, 20.5902**.

A 20% lighter version of the original color is **40.1722, 41.2428, 42.4026**, and **6.3452, 6.4053, 6.2121** is the 20% darker color. If you saturate the color by 10%, you get **16.5791, 16.3042, 14.9220**, and if you desaturate by 10%, it is **20.2865, 21.3776, 23.3761**.

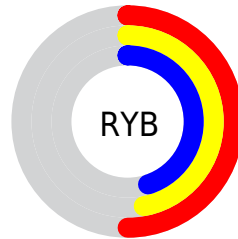
Distribution



Red (50%)

Green (46%)

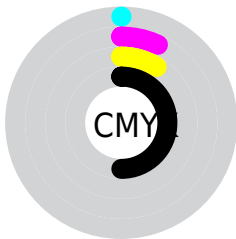
Blue (45%)



Red (50%)

Yellow (47%)

Blue (45%)

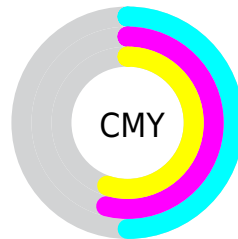


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (50%)



Cyan (50%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3253, 18.7067, 18.8646 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 18.3253, 18.7067, 18.8646 by changing the saturation by 10% instead.

■ 18.3253, 18.7067,
18.8646

■ 18.3253, 18.7067,
18.8646

235.7085,
244.8248, 258.0980

■ 11.2849, 11.4585,
11.3967

■ 40.1166, 41.2379,
42.3388

■ 6.3275, 6.3761,
6.2168

■ 55.5982, 57.2897,
59.1822

■ 3.0878, 3.0751,
2.9064

■ 74.6243, 77.0449,
79.9878

■ 1.2003, 1.1711,
1.0471

■ 97.5601, 100.8878,
105.1741

■ 0.1066, 0.0379,
0.0000

124.7711,
129.2029, 135.1598

■ 0.0000, 0.0000,
0.0000

156.6226,

162.3744, 170.3633

193.4800,
200.7869, 211.2032

■ 18.3253, 18.7067,
18.8646

■ 18.3253, 18.7067,
18.8646

■ 16.5791, 16.3042,
14.9220

■ 20.2865, 21.3776,
23.3761

■ 15.0389, 14.1593,
11.5244

■ 22.4682, 24.3223,
28.4767

■ 13.6973, 12.2641,
8.6481

■ 24.8776, 27.5493,
34.1871

■ 12.5459, 10.6092,
6.2671

■ 27.5211, 31.0660,
40.5266

■ 11.5758, 9.1850,
4.3530

■ 30.4051, 34.8792,
47.5136

■ 10.7771, 7.9808,
2.8746

■ 33.5353, 38.9959,
55.1658

■ 10.1391, 6.9852,
1.7971

■ 36.9175, 43.4226,
63.5002

■ 9.6494, 6.1857,
1.0798

■ 40.5573, 48.1657,
72.5333

■ 9.2810, 5.5630,
0.6047

■ 44.4600, 53.2313,
82.2808

Harmonies

Analogous

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



18.5270, 18.7067, 19.8106



18.3253, 18.7067, 18.8646



17.9790, 18.7067, 18.3318

Triad

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



18.3253, 18.7067, 18.8646



17.0540, 18.7067, 19.8064



17.9775, 18.7067, 22.5518

Complementary

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



18.3253, 18.7067, 18.8646



18.1085, 19.5920, 22.9059

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.



17.5828, 18.7067, 22.5506



18.3253, 18.7067, 18.8646



17.0536, 18.7067, 20.9366

Square

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



18.3253, 18.7067, 18.8646



17.2470, 18.7067, 18.8616



17.2459, 18.7067, 21.9501



18.3242, 18.7067, 21.9534

Rectangle

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



18.3253, 18.7067, 18.8646



17.7146, 18.7067, 18.2695



17.2459, 18.7067, 21.9501



17.8459, 18.7067, 22.6222

Sweetspot

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



18.3258, 18.7075, 18.8650



35.0111, 36.4937, 38.8141



18.5214, 18.2290, 21.6113



8.1359, 8.4610, 8.9465



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.



18.3258, 18.7075, 18.8650



32.2218, 32.6851, 32.4277



19.0547, 20.1653, 19.1080



4.4085, 4.5056, 4.5575



9.3409, 5.5783, 0.5844



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.1085, 19.5920, 22.9059



31.7634, 34.5505, 40.9511



17.3797, 18.1343, 22.6630



4.3582, 4.7104, 5.4928



8.0097, 9.8380, 21.7267



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3253, 18.7067, 18.8646 looks on a white background.

Color Contrast Check

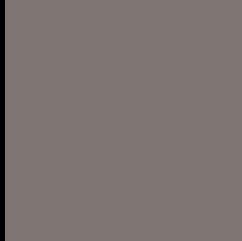
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3253, 18.7067, 18.8646 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 18.3253, 18.7067, 18.8646

Background



This preview shows how black text looks on a background with the XYZ color 18.3253, 18.7067, 18.8646.



This preview shows how white text looks on a background with the XYZ color 18.3253, 18.7067,

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

18.3253, 18.7067, 18.8646

Protanopia

17.9176, 18.6656, 19.1815

Deuteranopia

19.0128, 18.7151, 18.8300



Tritanopia

18.9134, 18.5863, 22.3293

Trichromacy



Original Color

18.3253, 18.7067, 18.8646

Protanomaly

18.0614, 18.7397, 19.1882

Deuteranomaly

18.8159, 18.7857, 18.8540

Tritanomaly

18.7762, 18.7169, 21.0355

Monochromacy



Original Color

18.3253, 18.7067, 18.8646

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.0352, 18.7126, 19.8009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3253, 18.7067, 18.8646 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, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(127, 118, 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(127, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 118, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.3253, 18.7067, 18.8646 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, 118, 115) }
```


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

```
.border{ border-color:rgb(127, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(127, 118,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3253, 18.7067, 18.8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 118, 115) }
```

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

```
.background{ background-color: rgb(127,  
118, 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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