

Converting Colors

XYZ(18.5008, 18.7769, 19.7887)

Have a look what the booklet for
XYZ(18.5008, 18.7769, 19.7887)
contains.

XYZ(18.5008, 18.7769, 19.7887)	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(18.5008, 18.7769,
19.7887)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7676
RGB	127, 118, 118
RGB Percent	50%, 46%, 46%
CMY	0.5020, 0.5372, 0.5373
CMYK	0.00, 0.07, 0.07, 0.50
HSL	0°, 4%, 48%
HSV	0°, 7%, 50%
XYZ	18.5008, 18.7769, 19.7887
YIQ	120.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

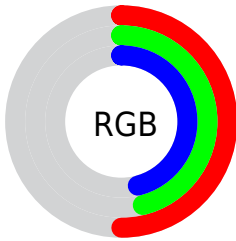
Format	Color
R_{YB}	127, 118, 118
Decimal	8353398
CIE _{Lab}	50.43, 3.46, 1.24
CIE _{LCh}	50, 3.670, 19.721
Yxy	18.7769, 0.3242, 0.3290
Android (android.graphics.Color)	4286543478 (0xFF7F7676)
YUV	120.6910, -1.3267, 5.5330
Hunter-Lab	43.3323, 0.3793, 3.2565

Details

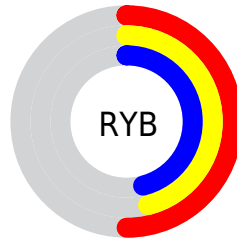
The XYZ color **18.5008, 18.7769, 19.7887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8912, 20.5621, 23.0520**, and the grayscale version is **18.0776, 19.0191, 20.7118**.

A 20% lighter version of the original color is **40.4528, 41.3550, 43.8804**, and **6.4375, 6.4422, 6.6985** is the 20% darker color. If you saturate the color by 10%, you get **16.4006, 15.7040, 15.6125**, and if you desaturate by 10%, it is **20.9049, 22.2947, 24.5680**.

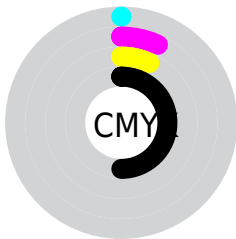
Distribution



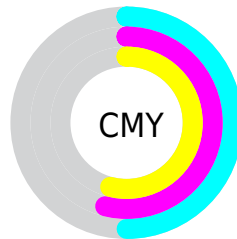
- Red (50%)
- Green (46%)
- Blue (46%)



- Red (50%)
- Yellow (46%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5008, 18.7769, 19.7887 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 18.5008, 18.7769, 19.7887 by changing the saturation by 10% instead.

■ 18.5008, 18.7769,
19.7887

■ 18.5008, 18.7769,
19.7887

236.6702,
245.2143, 263.3352

■ 11.4120, 11.5092,
12.0590

■ 40.4123, 41.3568,
43.9169

■ 6.4140, 6.4104,
6.6608

■ 55.9657, 57.4377,
61.1526

■ 3.1414, 3.0962,
3.1757

■ 75.0713, 77.2252,
82.3939

■ 1.2290, 1.1822,
1.1850

98.0945, 101.1036,
108.0595

■ 0.1291, 0.0471,
0.0000

125.4006,
129.4573, 138.5679

■ 0.0000, 0.0000,
0.0000

157.3550,

162.6707, 174.3376

194.3231,
201.1283, 215.7872

■ 18.5008, 18.7769,
19.7887

■ 18.5008, 18.7769,
19.7887

■ 16.4006, 15.7040,
15.6125

■ 20.9049, 22.2947,
24.5680

■ 14.5908, 13.0558,
12.0144

■ 23.6228, 26.2714,
29.9719

■ 13.0591, 10.8145,
8.9693

■ 26.6657, 30.7237,
36.0221

■ 11.7917, 8.9600,
6.4497

■ 30.0439, 35.6666,
42.7390

■ 10.7737, 7.4702,
4.4260

■ 33.7672, 41.1143,
50.1421

■ 9.9886, 6.3213,
2.8655

■ 37.8449, 47.0806,
58.2502

■ 9.4180, 5.4863,
1.7315

■ 42.2861, 53.5787,
67.0810

■ 9.0408, 4.9342,
0.9819

■ 47.0995, 60.6215,
76.6521

■ 8.8133, 4.6013,
0.5299

■ 52.2936, 68.2211,
86.9801

Harmonies

Analogous

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



18.5308, 18.7769, 20.7976



18.5008, 18.7769, 19.7887



18.2943, 18.7769, 18.9816

Triad

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



18.5008, 18.7769, 19.7887



17.3284, 18.7769, 19.2002



17.7247, 18.7769, 22.4406

Complementary

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



18.5008, 18.7769, 19.7887



18.8912, 20.5621, 23.0520

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.



17.4068, 18.7769, 21.9814



18.5008, 18.7769, 19.7887



17.1800, 18.7769, 20.0961

Square

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



18.5008, 18.7769, 19.7887



17.6163, 18.7769, 18.6498



17.2086, 18.7769, 21.1154



18.0795, 18.7769, 22.3516

Rectangle

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



18.5008, 18.7769, 19.7887



18.0858, 18.7769, 18.6559



17.2086, 18.7769, 21.1154



17.6101, 18.7769, 22.3447

Sweetspot

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



18.5013, 18.7777, 19.7891



35.2311, 36.6987, 39.6122



19.0618, 19.0014, 22.7418



8.2631, 8.6134, 9.3032



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.



18.5013, 18.7777, 19.7891



32.2862, 32.3896, 33.7570



19.0437, 19.8624, 19.9699



4.3279, 4.3444, 4.5306



8.8275, 4.5513, 0.4132



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.8912, 20.5621, 23.0520



33.1815, 36.4874, 41.2502



18.3233, 19.4262, 22.8627



4.4463, 4.8867, 5.5222



11.5128, 16.8441, 22.8944



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5008, 18.7769, 19.7887 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 18.5008, 18.7769, 19.7887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

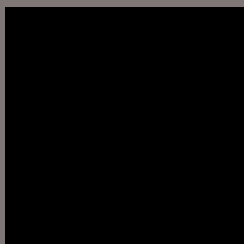
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5008, 18.7769, 19.7887

Background



This preview shows how black text looks on a background with the XYZ color 18.5008, 18.7769, 19.7887.



This preview shows how white text looks on a background with the XYZ color 18.5008, 18.7769,

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

18.5008, 18.7769, 19.7887

Protanopia

17.9526, 18.6631, 20.1089

Deuteranopia

19.0311, 18.7043, 19.7468



Tritanopia

19.0293, 18.8181, 22.3680

Trichromacy



Original Color

18.5008, 18.7769, 19.7887

Protanomaly

18.2388, 18.8106, 20.1223

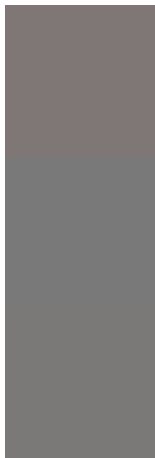
Deuteranomaly

18.8372, 18.7764, 19.7709

Tritanomaly

18.8385, 18.7418, 21.3635

Monochromacy



Original Color

18.5008, 18.7769, 19.7887

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.2750, 19.0000, 20.4735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5008, 18.7769, 19.7887 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(127, 118, 118)  
}
```

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, 118) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 18.5008, 18.7769, 19.7887 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, 118) }
```


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

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

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, 118)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 18.5008, 18.7769, 19.7887 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, 118) }
```

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

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

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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