

Converting Colors

XYZ(18.5872, 18.7325, 19.6108)

Have a look what the booklet for
XYZ(18.5872, 18.7325, 19.6108)
contains.

XYZ(18.4743, 18.5961, 19.4453)	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(18.4743, 18.5961,
19.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	807575
RGB	128, 117, 117
RGB Percent	50%, 46%, 46%
CMY	0.4980, 0.5412, 0.5412
CMYK	0.00, 0.09, 0.09, 0.50
HSL	0°, 4%, 48%
HSV	0°, 9%, 50%
XYZ	18.4743, 18.5961, 19.4453
YIQ	120.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

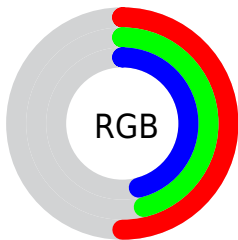
Format	Color
R_{YB}	128, 117, 117
Decimal	8418677
CIE _{Lab}	50.21, 4.24, 1.53
CIE _{LCh}	50, 4.506, 19.835
Yxy	18.5961, 0.3269, 0.3290
Android (android.graphics.Color)	4286608757 (0xFF807575)
YUV	120.2890, -1.6215, 6.7625
Hunter-Lab	43.1232, 1.0051, 3.4509

Details

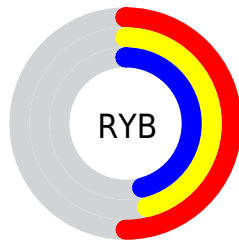
The XYZ color **18.4743, 18.5961, 19.4453** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.9516, 20.7786, 23.4343**, and the grayscale version is **17.9491, 18.8839, 20.5645**.

A 20% lighter version of the original color is **40.4055, 41.0643, 43.3327**, and **6.4267, 6.3482, 6.5168** is the 20% darker color. If you saturate the color by 10%, you get **16.3822, 15.5349, 15.2853**, and if you desaturate by 10%, it is **20.8743, 22.1079, 24.2161**.

Distribution



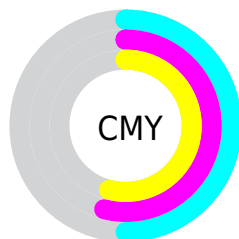
- Red (50%)
- Green (46%)
- Blue (46%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4743, 18.5961, 19.4453 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 18.4743, 18.5961, 19.4453 by changing the saturation by 10% instead.

■ 18.4743, 18.5961,
19.4453

■ 18.4743, 18.5961,
19.4453

236.5252,
244.2098, 261.4003

■ 11.3928, 11.3788,
11.8124

■ 40.3677, 41.0505,
43.3319

■ 6.4009, 6.3222,
6.4951

■ 55.9102, 57.0563,
60.4227

■ 3.1333, 3.0420,
3.0748

■ 75.0038, 76.7605,
81.5032

■ 1.2247, 1.1537,
1.1329

98.0139, 100.5474,
106.9919

■ 0.1257, 0.0234,
0.0000

125.3057,
128.8014, 137.3075

■ 0.0000, 0.0000,
0.0000

157.2446,

161.9068, 172.8684

194.1960,
200.2482, 214.0931

■ 18.4743, 18.5961,
19.4453

■ 18.4743, 18.5961,
19.4453

■ 16.3822, 15.5349,
15.2853

■ 20.8743, 22.1079,
24.2161

■ 14.5840, 12.9036,
11.7104

■ 23.5922, 26.0849,
29.6198

■ 13.0670, 10.6839,
8.6946

■ 26.6397, 30.5440,
35.6788

■ 11.8170, 8.8548,
6.2098

■ 30.0273, 35.5007,
42.4139

■ 10.8186, 7.3939,
4.2251

■ 33.7649, 40.9696,
49.8451

■ 10.0548, 6.2761,
2.7068

■ 37.8624, 46.9650,
57.9917

■ 9.5064, 5.4735,
1.6168

■ 42.3288, 53.5002,
66.8720

■ 9.1512, 4.9537,
0.9110

■ 47.1732, 60.5885,
76.5039

■ 8.9319, 4.6328,
0.4751

■ 52.4042, 68.2424,
86.9044

Harmonies

Analogous

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



18.5119, 18.5961, 20.6741



18.4743, 18.5961, 19.4453



18.2205, 18.5961, 18.4705

Triad

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



18.4743, 18.5961, 19.4453



17.0430, 18.5961, 18.7406



17.5277, 18.5961, 22.7008

Complementary

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



18.4743, 18.5961, 19.4453



18.9516, 20.7786, 23.4343

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.



17.1405, 18.5961, 22.1360



18.4743, 18.5961, 19.4453



16.8637, 18.5961, 19.8278

Square

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



18.4743, 18.5961, 19.4453



17.3925, 18.5961, 18.0753



16.8992, 18.5961, 21.0725



17.9606, 18.5961, 22.5881

Rectangle

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



18.4743, 18.5961, 19.4453



17.9652, 18.5961, 18.0797



16.8992, 18.5961, 21.0725



17.3880, 18.5961, 22.5831

Sweetspot

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



18.4748, 18.5969, 19.4457



34.7931, 36.0577, 38.7415



19.1600, 18.8706, 23.0550



8.0732, 8.3355, 8.9256



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.



18.4748, 18.5969, 19.4457



31.8880, 31.8069, 32.9657



19.1344, 19.9161, 19.6656



4.3278, 4.3444, 4.5306



8.8273, 4.5511, 0.4132



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.9516, 20.7786, 23.4343



32.8766, 36.3305, 41.2360



18.2538, 19.3829, 23.2017



4.4464, 4.8868, 5.5222



11.5143, 16.8471, 22.8949



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4743, 18.5961, 19.4453 looks on a white background.

Color Contrast Check

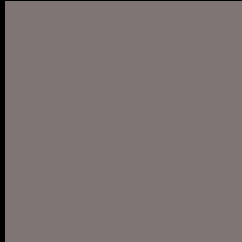
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4743, 18.5961, 19.4453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

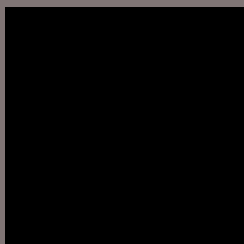
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4743, 18.5961, 19.4453

Background



This preview shows how black text looks on a background with the XYZ color 18.4743, 18.5961, 19.4453.



This preview shows how white text looks on a background with the XYZ color 18.4743, 18.5961,

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

18.4743, 18.5961, 19.4453

Protanopia

17.8929, 18.6392, 19.7942

Deuteranopia

18.9720, 18.6807, 19.4354



Tritanopia

19.0003, 18.6386, 21.9982

Trichromacy



Original Color

18.4743, 18.5961, 19.4453

Protanomaly

18.0606, 18.5500, 19.7681

Deuteranomaly

18.8163, 18.6004, 19.4281

Tritanomaly

18.8115, 18.5631, 21.0039

Monochromacy



Original Color

18.4743, 18.5961, 19.4453

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.0950, 18.7365, 20.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4743, 18.5961, 19.4453 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(128, 117, 117)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 117)  
}
```

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(128, 117, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.4743, 18.5961, 19.4453 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(128, 117, 117) }
```


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

```
.border{ border-color:rgb(128, 117, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 117, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 117);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4743, 18.5961, 19.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 117) }
```

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

```
.background{ background-color: rgb(128,  
117, 117) }
```

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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