

Converting Colors

XYZ(18.7468, 18.4187, 22.5521)

Have a look what the booklet for
XYZ(18.7468, 18.4187, 22.5521)
contains.

XYZ(18.8286, 18.5351, 22.6639)	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(18.8286, 18.5351,
22.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	7F747F
RGB	127, 116, 127
RGB Percent	50%, 45%, 50%
CMY	0.5020, 0.5451, 0.5020
CMYK	0.00, 0.09, 0.00, 0.50
HSL	300°, 5%, 48%
HSV	300°, 9%, 50%
XYZ	18.8286, 18.5351, 22.6639
YIQ	120.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

Format	Color
R_{YB}	127, 116, 127
Decimal	8352895
CIE Lab	50.14, 6.39, -4.50
CIE LCh	50, 7.814, 324.875
Yxy	18.5351, 0.3137, 0.3088
Android (android.graphics.Color)	4286542975 (0xFF7F747F)
YUV	120.5430, 3.1833, 5.6628
Hunter-Lab	43.0524, 2.7237, -1.0751

Details

The XYZ color **18.8286, 18.5351, 22.6639** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9450, 20.1533, 19.4683**, and the grayscale version is **18.0165, 18.9548, 20.6418**.

A 20% lighter version of the original color is **41.0632, 41.0038, 48.9303**, and **6.5842, 6.3040, 8.0775** is the 20% darker color. If you saturate the color by 10%, you get **17.4638, 15.8053, 22.2089**, and if you desaturate by 10%, it is **20.3947, 21.6669, 23.1864**.

Distribution



Red (50%)

Green (45%)

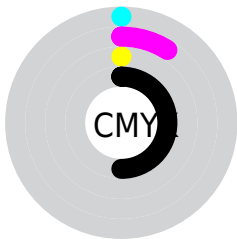
Blue (50%)



Red (50%)

Yellow (45%)

Blue (50%)



Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8286, 18.5351, 22.6639 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 18.8286, 18.5351, 22.6639 by changing the saturation by 10% instead.

■ 18.8286, 18.5351,
22.6639

■ 18.8286, 18.5351,
22.6639

238.4572,
243.8701, 279.0597

■ 11.6498, 11.3348,
14.1426

■ 40.9634, 40.9470,
48.7570

■ 6.5762, 6.2925,
8.0800

■ 56.6501, 56.9275,
67.1659

■ 3.2424, 3.0238,
4.0577

■ 75.9034, 76.6035,
89.7077

■ 1.2832, 1.1441,
1.6570

■ 99.0887, 100.3594,
116.8010

■ 0.1706, 0.0154,
0.3310

126.5714,
128.5796, 148.8643

■ 0.0000, 0.0000,
0.0000

158.7168,

161.6485, 186.3162

195.8903,
199.9506, 229.5752

■ 18.8286, 18.5351,
22.6639

■ 18.8286, 18.5351,
22.6639

■ 17.4638, 15.8053,
22.2089

■ 20.3947, 21.6669,
23.1864

■ 16.2905, 13.4588,
21.8176

■ 22.1680, 25.2134,
23.7778

■ 15.3007, 11.4793,
21.4874

■ 24.1562, 29.1898,
24.4408

■ 14.4851, 9.8482,
21.2153

■ 26.3664, 33.6100,
25.1777

■ 13.8337, 8.5454,
20.9979

■ 28.8049, 38.4870,
25.9908

■ 13.3352, 7.5486,
20.8315

■ 31.4781, 43.8334,
26.8822

■ 12.9773, 6.8329,
20.7119

■ 34.3921, 49.6613,
27.8538

■ 12.7455, 6.3693,
20.6344

■ 37.5527, 55.9823,
28.9075

■ 12.6014, 6.0812,
20.5861

■ 40.9654, 62.8077,
30.0454

Harmonies

Analogous

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



18.2334, 18.5351, 24.1842



18.8286, 18.5351, 22.6639



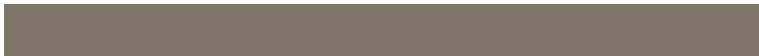
19.0996, 18.5351, 20.5545

Triad

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



18.8286, 18.5351, 22.6639



17.7468, 18.5351, 16.3251



16.3353, 18.5351, 21.9774

Complementary

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



18.8286, 18.5351, 22.6639



17.9450, 20.1533, 19.4683

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.



16.2133, 18.5351, 19.8132



18.8286, 18.5351, 22.6639



17.0147, 18.5351, 16.6469

Square

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



18.8286, 18.5351, 22.6639



18.4637, 18.5351, 16.9750



16.4586, 18.5351, 17.8875



16.7967, 18.5351, 23.7684

Rectangle

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



18.8286, 18.5351, 22.6639



19.0545, 18.5351, 19.1352



16.4586, 18.5351, 17.8875



16.2538, 18.5351, 21.2654

Sweetspot

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



18.8291, 18.5359, 22.6643



35.2395, 36.2360, 41.0931



17.2794, 17.7370, 22.5920



8.2021, 8.3870, 9.6049



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.



18.8291, 18.5359, 22.6643



33.3086, 32.3743, 40.4491



18.4804, 18.3964, 20.8279



4.4982, 4.4124, 5.4278



12.6900, 6.0957, 20.7549



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.8291, 18.5359, 22.6643



33.3086, 32.3743, 40.4491



18.2745, 20.2851, 21.2033



4.4982, 4.4124, 5.4278



12.6900, 6.0957, 20.7549



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.8286, 18.5351, 22.6639 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 18.8286, 18.5351, 22.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

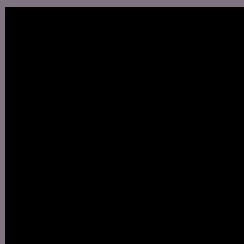
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.8286, 18.5351, 22.6639

Background



This preview shows how black text looks on a background with the XYZ color 18.8286, 18.5351, 22.6639.



This preview shows how white text looks on a background with the XYZ color 18.8286, 18.5351,

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

18.8286, 18.5351, 22.6639

Protanopia

18.1670, 18.7006, 23.4209

Deuteranopia

18.8286, 18.5351, 22.6639



Tritanopia

18.6995, 18.4835, 21.9841

Trichromacy



Original Color

18.8286, 18.5351, 22.6639

Protanomaly

18.4008, 18.6530, 23.0526

Deuteranomaly

18.8286, 18.5351, 22.6639

Tritanomaly

18.7637, 18.5092, 22.3223

Monochromacy



Original Color

18.8286, 18.5351, 22.6639

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.3404, 18.8347, 21.4077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8286, 18.5351, 22.6639 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, 116, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 127)  
}
```

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, 116, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.8286, 18.5351, 22.6639 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, 116, 127) }
```


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

```
.border{ border-color:rgb(127, 116, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 116, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 116, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 116,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8286, 18.5351, 22.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 127) }
```

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

```
.background{ background-color: rgb(127,  
116, 127) }
```

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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