

Converting Colors

XYZ(17.4725, 18.7757, 26.1838)

Have a look what the booklet for
XYZ(17.4725, 18.7757, 26.1838)
contains.

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Color

**XYZ(17.5383, 18.8510,
26.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7A89
RGB	107, 122, 137
RGB Percent	42%, 48%, 54%
CMY	0.5804, 0.5216, 0.4627
CMYK	0.22, 0.11, 0.00, 0.46
HSL	210°, 12%, 48%
HSV	210°, 22%, 54%
XYZ	17.5383, 18.8510, 26.3812
YIQ	119.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

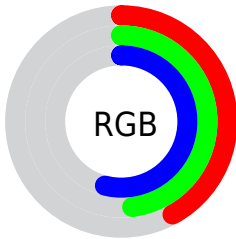
Format	Color
R _Y B	107, 117, 137
Decimal	7043721
CIE Lab	50.51, -2.04, -10.01
CIE LCh	51, 10.212, 258.500
Yxy	18.8510, 0.2794, 0.3003
Android (android.graphics.Color)	4285233801 (0xFF6B7A89)
YUV	119.2250, 8.7631, -10.7213
Hunter-Lab	43.4177, -3.8772, -5.6330

Details

The XYZ color **17.5383, 18.8510, 26.3812** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9301, 20.2991, 16.7780**, and the grayscale version is **17.5825, 18.4982, 20.1445**.

A 20% lighter version of the original color is **38.7284, 41.3607, 54.6574**, and **5.9065, 6.3830, 9.9376** is the 20% darker color. If you saturate the color by 10%, you get **15.2084, 16.4455, 26.0400**, and if you desaturate by 10%, it is **20.1896, 21.5112, 26.7552**.

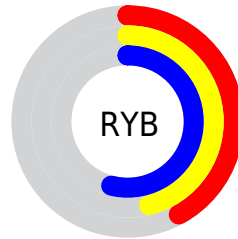
Distribution



Red (42%)

Green (48%)

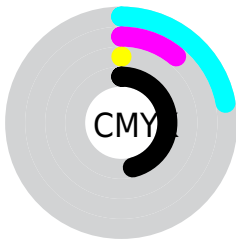
Blue (54%)



Red (42%)

Yellow (46%)

Blue (54%)

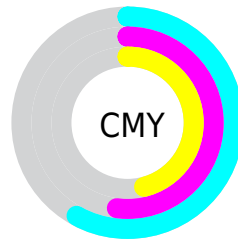


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (52%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5383, 18.8510, 26.3812 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 17.5383, 18.8510, 26.3812 by changing the saturation by 10% instead.

■ 17.5383, 18.8510,
26.3812

■ 17.5383, 18.8510,
26.3812

231.3519,
245.6250, 298.3132

■ 10.7167, 11.5627,
16.8807

■ 38.7853, 41.4822,
54.8809

■ 5.9426, 6.4466,
9.9884

■ 53.9414, 57.5938,
74.7172

■ 2.8505, 3.1185,
5.2858

■ 72.6064, 77.4153,
98.8358

■ 1.0752, 1.1939,
2.3542

■ 95.1456, 101.3311,
127.6554

■ 0.0042, 0.0567,
0.7614

121.9244,
129.7256, 161.5943

■ 0.0000, 0.0000,
0.0000

153.3081,

162.9831, 201.0712

189.6622,
201.4881, 246.5047

■ 17.5383, 18.8510,
26.3812

■ 17.5383, 18.8510,
26.3812

■ 15.2084, 16.4455,
26.0400

■ 20.1896, 21.5112,
26.7552

■ 13.1848, 14.2836,
25.7294

■ 23.1733, 24.4319,
27.1617

■ 11.4535, 12.3568,
25.4487

■ 26.5018, 27.6219,
27.6020

■ 9.9987, 10.6550,
25.1969

■ 30.1864, 31.0886,
28.0770

■ 8.8030, 9.1672,
24.9727

■ 34.2380, 34.8392,
28.5874

■ 7.8469, 7.8812,
24.7749

■ 38.6667, 38.8805,
29.1340

■ 7.1073, 6.7831,
24.6019

■ 43.4825, 43.2192,
29.7176

■ 6.6133, 6.0019,
24.4772

■ 48.6949, 47.8616,
30.3390

■ 54.3131, 52.8140,
30.9988

Harmonies

Analogous

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



16.6784, 18.8510, 24.9122



17.5383, 18.8510, 26.3812



18.5317, 18.8510, 26.1769

Triad

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



17.5383, 18.8510, 26.3812



19.7950, 18.8510, 18.8344



16.5213, 18.8510, 17.1024

Complementary

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



17.5383, 18.8510, 26.3812



19.9301, 20.2991, 16.7780

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.



17.3166, 18.8510, 15.7524



17.5383, 18.8510, 26.3812



19.2161, 18.8510, 16.6866

Square

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



17.5383, 18.8510, 26.3812



19.8597, 18.8510, 21.6383



18.3017, 18.8510, 15.6076



16.1059, 18.8510, 19.4516

Rectangle

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



17.5383, 18.8510, 26.3812



19.1358, 18.8510, 25.1228



18.3017, 18.8510, 15.6076



16.7517, 18.8510, 16.5264

Sweetspot

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



17.5389, 18.8518, 26.3816



38.6139, 40.9435, 48.2509



18.4914, 22.4103, 21.6018



8.6053, 9.1289, 10.8148



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.5389, 18.8518, 26.3816



29.3868, 31.6889, 46.9509



15.8892, 15.5524, 25.8317



4.9677, 5.2784, 6.3628



6.1722, 5.6147, 22.8041



0.0556, 0.0665, 0.1564

Inverse Universe

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



19.0876, 17.2394, 20.7347



32.6799, 28.4277, 34.9060



21.8455, 24.1298, 17.4165



5.1303, 5.0876, 5.7748



10.6022, 5.3510, 5.6757



0.0778, 0.0385, 0.0766

Previews

White Background



This preview shows how the XYZ color 17.5383, 18.8510, 26.3812 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 17.5383, 18.8510, 26.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

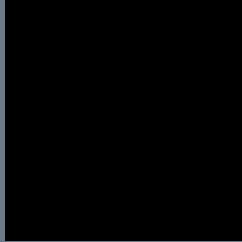
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

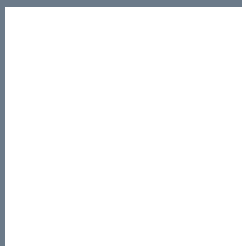
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5383, 18.8510, 26.3812

Background



This preview shows how black text looks on a background with the XYZ color 17.5383, 18.8510, 26.3812.



This preview shows how white text looks on a background with the XYZ color 17.5383, 18.8510,

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

17.5383, 18.8510, 26.3812

Protanopia

18.4412, 18.7945, 25.5774

Deuteranopia

19.1171, 18.7685, 26.6599



Tritanopia

17.2605, 18.9235, 24.9332

Trichromacy



Original Color

17.5383, 18.8510, 26.3812

Protanomaly

18.0998, 18.7879, 25.9650

Deuteranomaly

18.5204, 18.8105, 26.6994

Tritanomaly

17.3299, 18.9513, 25.2988

Monochromacy



Original Color

17.5383, 18.8510, 26.3812

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5526, 18.5841, 22.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5383, 18.8510, 26.3812 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(107, 122, 137)` looks like.

```
.text, #text, p{  
    color:rgb(107, 122, 137)  
}
```

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(107, 122, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 122, 137) }
```

Border

The CSS property to change the border of an element to XYZ 17.5383, 18.8510, 26.3812 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(107, 122, 137) }
```


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

```
.border{ border-color:rgb(107, 122, 137) }
```

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

Here you see how a box with a 4 pixel rgb(107, 122, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 122, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 122, 137);  
box-shadow:4px 4px 4px 4px rgb(107, 122,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5383, 18.8510, 26.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 122, 137) }
```

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

```
.background{ background-color: rgb(107,  
122, 137) }
```

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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