

Converting Colors

XYZ(17.0464, 18.8920, 22.9983)

Have a look what the booklet for
XYZ(17.0464, 18.8920, 22.9983)
contains.

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Color

**XYZ(17.0426, 18.8502,
23.1623)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7B80
RGB	107, 123, 128
RGB Percent	42%, 48%, 50%
CMY	0.5804, 0.5176, 0.4980
CMYK	0.16, 0.04, 0.00, 0.50
HSL	194°, 9%, 46%
HSV	194°, 16%, 50%
XYZ	17.0426, 18.8502, 23.1623
YIQ	118.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

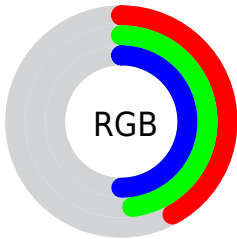
Format	Color
R_{YB}	107, 116, 128
Decimal	7043968
CIE _{Lab}	50.51, -4.74, -4.72
CIE _{LCh}	51, 6.686, 224.857
Yxy	18.8502, 0.2886, 0.3192
Android (android.graphics.Color)	4285234048 (0xFF6B7B80)
YUV	118.7860, 4.5425, -10.3363
Hunter-Lab	43.4168, -5.9120, -1.2387

Details

The XYZ color **17.0426, 18.8502, 23.1623** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3502, 17.2390, 16.3232**, and the grayscale version is **17.4560, 18.3651, 19.9995**.

A 20% lighter version of the original color is **37.9685, 41.3671, 49.6995**, and **5.6637, 6.3919, 8.3324** is the 20% darker color. If you saturate the color by 10%, you get **15.2443, 17.3712, 22.9719**, and if you desaturate by 10%, it is **19.0817, 20.4717, 23.3681**.

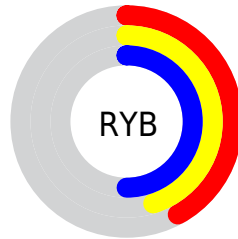
Distribution



Red (42%)

Green (48%)

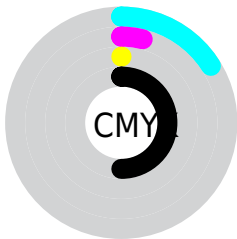
Blue (50%)



Red (42%)

Yellow (45%)

Blue (50%)

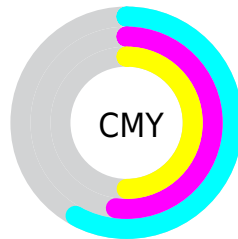


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0426, 18.8502, 23.1623 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 17.0426, 18.8502, 23.1623 by changing the saturation by 10% instead.

■ 17.0426, 18.8502,
23.1623

■ 17.0426, 18.8502,
23.1623

228.5692,
245.6205, 281.7064

■ 10.3604, 11.5621,
14.5070

■ 37.9420, 41.4808,
49.5863

■ 5.7026, 6.4462,
8.3313

■ 52.8899, 57.5921,
68.1920

■ 2.7040, 3.1183,
4.2169

■ 71.3237, 77.4133,
90.9515

■ 0.9993, 1.1938,
1.7451

■ 93.6088, 101.3286,
118.2835

■ 0.0000, 0.0566,
0.3913

120.1106,
129.7227, 150.6065

■ 0.0000, 0.0000,
0.0000

151.1943,

162.9797, 188.3389

187.2254,
201.4842, 231.8994

■ 17.0426, 18.8502,
23.1623

■ 17.0426, 18.8502,
23.1623

■ 15.2443, 17.3712,
22.9719

■ 19.0817, 20.4717,
23.3681

■ 13.6749, 16.0271,
22.7952

■ 21.3692, 22.2384,
23.5886

■ 12.3242, 14.8129,
22.6320

■ 23.9148, 24.1560,
23.8245

■ 11.1805, 13.7224,
22.4818

■ 26.7269, 26.2288,
24.0764

■ 10.2309, 12.7488,
22.3439

■ 29.8135, 28.4612,
24.3446

■ 9.4611, 11.8845,
22.2177

■ 33.1825, 30.8574,
24.6296

■ 8.8544, 11.1208,
22.1022

■ 36.8412, 33.4213,
24.9316

■ 8.3808, 10.4420,
21.9962

■ 40.7968, 36.1568,
25.2511

■ 8.2207, 10.2072,
21.9593

■ 45.0561, 39.0675,
25.5885

Harmonies

Analogous

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



16.7321, 18.8502, 21.4590



17.0426, 18.8502, 23.1623



17.5911, 18.8502, 24.1886

Triad

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



17.0426, 18.8502, 23.1623



19.1539, 18.8502, 21.4768



17.5971, 18.8502, 17.2467

Complementary

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



17.0426, 18.8502, 23.1623



17.3502, 17.2390, 16.3232

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.



18.2460, 18.8502, 17.2508



17.0426, 18.8502, 23.1623



19.1556, 18.8502, 19.6179

Square

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



17.0426, 18.8502, 23.1623



18.8153, 18.8502, 23.1760



18.8199, 18.8502, 18.0953



17.0469, 18.8502, 18.0836

Rectangle

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



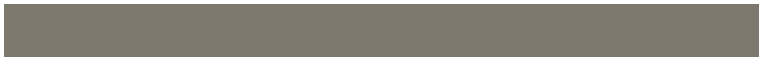
17.0426, 18.8502, 23.1623



18.0229, 18.8502, 24.3135



18.8199, 18.8502, 18.0953



17.8106, 18.8502, 17.1514

Sweetspot

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



17.0432, 18.8510, 23.1627



34.0907, 36.4301, 41.1912



16.7019, 19.7321, 18.2287



7.9283, 8.4876, 9.6388



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.



17.0432, 18.8510, 23.1627



28.6728, 32.1040, 40.6417



15.8206, 16.4058, 22.7552



4.3624, 4.7189, 5.4942



8.1523, 10.1232, 21.7742



0.0000, 0.0000, 0.0000

Inverse Universe

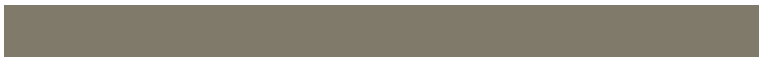
The Inverse Universe completely reimagines the original color for something new.



17.7353, 16.5350, 20.9966



30.1659, 27.2095, 35.9466



18.5650, 19.6686, 16.7281



4.4558, 4.3955, 5.2045



10.9919, 5.4165, 11.8130



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0426, 18.8502, 23.1623 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 17.0426, 18.8502, 23.1623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

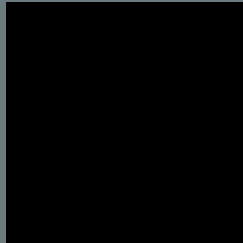
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

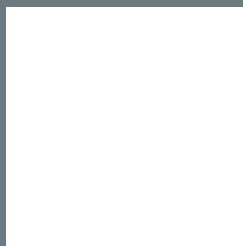
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0426, 18.8502, 23.1623

Background



This preview shows how black text looks on a background with the XYZ color 17.0426, 18.8502, 23.1623.



This preview shows how white text looks on a background with the XYZ color 17.0426, 18.8502,

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

17.0426, 18.8502, 23.1623

Protanopia

18.1084, 18.6931, 22.3924

Deuteranopia

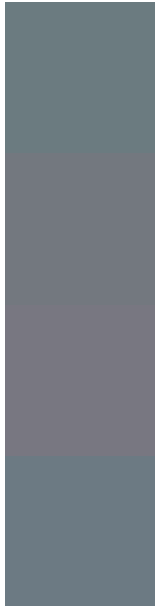
19.0761, 18.8196, 23.3960



Tritanopia

17.3087, 18.7732, 24.5411

Trichromacy



Original Color

17.0426, 18.8502, 23.1623

Protanomaly

17.6175, 18.6101, 22.7422

Deuteranomaly

18.3050, 18.7717, 23.4274

Tritanomaly

17.2406, 18.7459, 24.1824

Monochromacy



Original Color

17.0426, 18.8502, 23.1623

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2996, 18.4829, 21.0681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0426, 18.8502, 23.1623 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, 123, 128)` looks like.

```
.text, #text, p{  
    color:rgb(107, 123, 128)  
}
```

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, 123, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 123, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.0426, 18.8502, 23.1623 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, 123, 128) }
```


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

```
.border{ border-color:rgb(107, 123, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 123, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(107, 123,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0426, 18.8502, 23.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 123, 128) }
```

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

```
.background{ background-color: rgb(107,  
123, 128) }
```

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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