

Converting Colors

XYZ(17.0349, 18.4554, 23.0864)

Have a look what the booklet for
XYZ(17.0349, 18.4554, 23.0864)
contains.

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Color

**XYZ(17.0403, 18.4845,
23.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7980
RGB	109, 121, 128
RGB Percent	43%, 47%, 50%
CMY	0.5725, 0.5255, 0.4980
CMYK	0.15, 0.05, 0.00, 0.50
HSL	202°, 8%, 46%
HSV	202°, 15%, 50%
XYZ	17.0403, 18.4845, 23.0918
YIQ	118.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

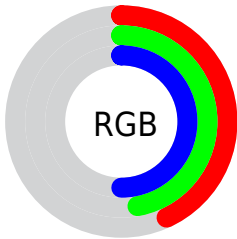
Format	Color
R _Y B	109, 116, 128
Decimal	7174528
CIE Lab	50.08, -2.89, -5.34
CIE LCh	50, 6.071, 241.615
Yxy	18.4845, 0.2907, 0.3153
Android (android.graphics.Color)	4285364608 (0xFF6D7980)
YUV	118.2100, 4.8265, -8.0772
Hunter-Lab	42.9936, -4.4912, -1.7490

Details

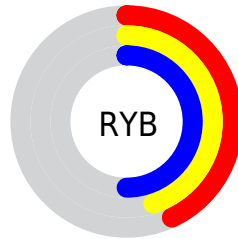
The XYZ color **17.0403, 18.4845, 23.0918** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.9078, 18.1839, 17.0342**, and the grayscale version is **17.2736, 18.1732, 19.7906**.

A 20% lighter version of the original color is **37.9820, 40.8004, 49.5895**, and **5.7183, 6.3217, 8.3160** is the 20% darker color. If you saturate the color by 10%, you get **15.0201, 16.6137, 22.8375**, and if you desaturate by 10%, it is **19.3190, 20.5311, 23.3670**.

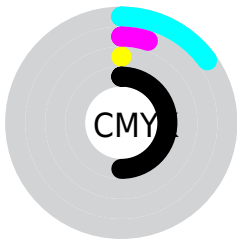
Distribution



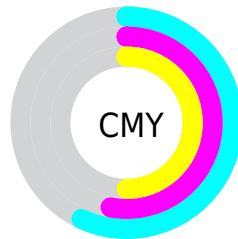
- Red (43%)
- Green (47%)
- Blue (50%)



- Red (43%)
- Yellow (45%)
- Blue (50%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (57%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0403, 18.4845, 23.0918 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 17.0403, 18.4845, 23.0918 by changing the saturation by 10% instead.

■ 17.0403, 18.4845,
23.0918

■ 17.0403, 18.4845,
23.0918

228.5562,
243.5879, 281.3333

■ 10.3587, 11.2984,
14.4554

■ 37.9381, 40.8612,
49.4691

■ 5.7015, 6.2679,
8.2957

■ 52.8850, 56.8206,
68.0471

■ 2.7034, 3.0087,
4.1943

■ 71.3178, 76.4731,
90.7760

■ 0.9989, 1.1363,
1.7325

■ 93.6017, 100.2033,
118.0744

■ 0.0000, 0.0087,
0.3829

120.1021,
128.3955, 150.3607

■ 0.0000, 0.0000,
0.0000

151.1845,

161.4340, 188.0537

187.2140,
199.7034, 231.5717

■ 17.0403, 18.4845,
23.0918

■ 17.0403, 18.4845,
23.0918

■ 15.0201, 16.6137,
22.8375

■ 19.3190, 20.5311,
23.3670

■ 13.2464, 14.9104,
22.6022

■ 21.8641, 22.7567,
23.6625

■ 11.7088, 13.3693,
22.3858

■ 24.6854, 25.1674,
23.9791

■ 10.3954, 11.9835,
22.1875

■ 27.7915, 27.7682,
24.3174

■ 9.2932, 10.7458,
22.0067

■ 31.1907, 30.5640,
24.6779

■ 8.3878, 9.6479,
21.8425

■ 34.8910, 33.5592,
25.0610

■ 7.6627, 8.6809,
21.6941

■ 38.9000, 36.7585,
25.4672

■ 7.0943, 7.8319,
21.5601

■ 43.2251, 40.1661,
25.8970

■ 6.8282, 7.4222,
21.4951

■ 47.8733, 43.7861,
26.3507

Harmonies

Analogous

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



16.6295, 18.4845, 21.8606



17.0403, 18.4845, 23.0918



17.6006, 18.4845, 23.5169

Triad

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



17.0403, 18.4845, 23.0918



18.7160, 18.4845, 20.0359



16.9866, 18.4845, 17.5091

Complementary

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



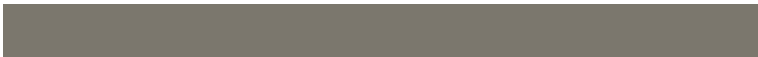
17.0403, 18.4845, 23.0918



17.9078, 18.1839, 17.0342

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.



17.5373, 18.4845, 17.0787



17.0403, 18.4845, 23.0918



18.5431, 18.4845, 18.4866

Square

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



17.0403, 18.4845, 23.0918



18.5760, 18.4845, 21.6950



18.1084, 18.4845, 17.4265



16.5990, 18.4845, 18.6354

Rectangle

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



17.0403, 18.4845, 23.0918



17.9861, 18.4845, 23.2682



18.1084, 18.4845, 17.4265



17.1584, 18.4845, 17.2811

Sweetspot

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



17.0408, 18.4853, 23.0922



34.3339, 36.4312, 41.1786



17.1765, 19.9500, 19.4585



7.9723, 8.4710, 9.6332



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.



17.0408, 18.4853, 23.0922



28.6813, 31.3346, 40.4928



15.9460, 16.2956, 22.7273



4.3174, 4.6288, 5.4792



6.7719, 7.3623, 21.3141



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8223, 16.9073, 20.4142



30.3621, 28.0229, 34.7142



19.0555, 20.4793, 17.4168



4.4330, 4.3864, 5.0849



10.2951, 5.1377, 8.1437



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0403, 18.4845, 23.0918 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 17.0403, 18.4845, 23.0918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

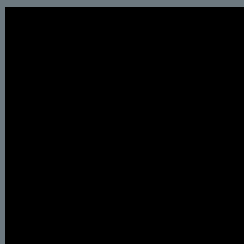
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

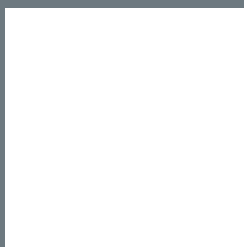
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0403, 18.4845, 23.0918

Background



This preview shows how black text looks on a background with the XYZ color 17.0403, 18.4845, 23.0918.



This preview shows how white text looks on a background with the XYZ color 17.0403, 18.4845,

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

17.0403, 18.4845, 23.0918

Protanopia

17.8521, 18.3852, 22.3464

Deuteranopia

18.8120, 18.5114, 23.3504



Tritanopia

17.1733, 18.5377, 23.7921

Trichromacy



Original Color

17.0403, 18.4845, 23.0918

Protanomaly

17.4978, 18.3708, 22.7024

Deuteranomaly

18.1866, 18.5349, 23.3879

Tritanomaly

17.1065, 18.5109, 23.4402

Monochromacy



Original Color

17.0403, 18.4845, 23.0918

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1799, 18.2436, 21.0282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0403, 18.4845, 23.0918 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(109, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(109, 121, 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(109, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.0403, 18.4845, 23.0918 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(109, 121, 128) }
```


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

```
.border{ border-color:rgb(109, 121, 128) }
```

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

Here you see how a box with a 4 pixel rgb(109, 121, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(109, 121,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0403, 18.4845, 23.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 121, 128) }
```

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

```
.background{ background-color: rgb(109,  
121, 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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