

Converting Colors

XYZ(16.0043, 18.7245, 23.0206)

Have a look what the booklet for
XYZ(16.0043, 18.7245, 23.0206)
contains.

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Color

**XYZ(16.0538, 18.7125,
23.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	607D80
RGB	96, 125, 128
RGB Percent	38%, 49%, 50%
CMY	0.6235, 0.5098, 0.4980
CMYK	0.25, 0.02, 0.00, 0.50
HSL	186°, 14%, 44%
HSV	186°, 25%, 50%
XYZ	16.0538, 18.7125, 23.1878
YIQ	116.6710, -18.2470, -5.2150

Conversions

Conversions Part 2

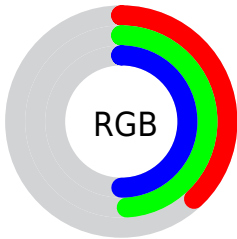
Format	Color
R_{YB}	96, 111, 128
Decimal	6323584
CIE _{Lab}	50.35, -9.60, -5.04
CIE _{LCh}	50, 10.844, 207.694
Yxy	18.7125, 0.2770, 0.3229
Android (android.graphics.Color)	4284513664 (0xFF607D80)
YUV	116.6710, 5.5852, -18.1285
Hunter-Lab	43.2579, -9.4569, -1.5010

Details

The XYZ color **16.0538, 18.7125, 23.1878** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4756, 14.3577, 13.0225**, and the grayscale version is **16.7946, 17.6692, 19.2418**.

A 20% lighter version of the original color is **36.2935, 41.3800, 49.7903**, and **5.2146, 6.3618, 8.3502** is the 20% darker color. If you saturate the color by 10%, you get **14.6644, 17.7727, 23.0799**, and if you desaturate by 10%, it is **17.6654, 19.7706, 23.3074**.

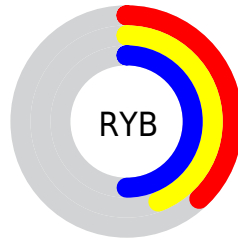
Distribution



Red (38%)

Green (49%)

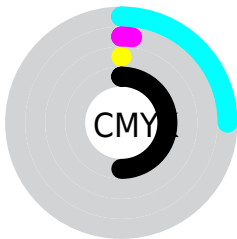
Blue (50%)



Red (38%)

Yellow (44%)

Blue (50%)

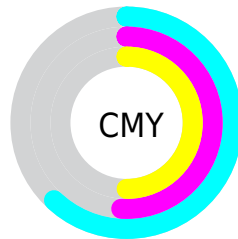


Cyan (25%)

Magenta (2%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (51%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0538, 18.7125, 23.1878 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 16.0538, 18.7125, 23.1878 by changing the saturation by 10% instead.

■ 16.0538, 18.7125,
23.1878

■ 16.0538, 18.7125,
23.1878

222.9231,
244.8570, 281.8412

■ 9.6533, 11.4627,
14.5256

■ 36.2483, 41.2477,
49.6286

■ 5.2302, 6.3790,
8.3442

■ 50.7730, 57.3020,
68.2443

■ 2.4191, 3.0769,
4.2251

■ 68.7365, 77.0598,
91.0150

■ 0.8546, 1.1720,
1.7496

■ 90.5041, 100.9057,
118.3591

■ 0.0000, 0.0387,
0.3944

116.4412,
129.2239, 150.6953

■ 0.0000, 0.0000,
0.0000

146.9132,

162.3989, 188.4420

182.2854,
200.8152, 232.0178

■ 16.0538, 18.7125,
23.1878

■ 16.0538, 18.7125,
23.1878

■ 14.6644, 17.7727,
23.0799

■ 17.6654, 19.7706,
23.3074

■ 13.4851, 16.9433,
22.9820

■ 19.5075, 20.9497,
23.4379

■ 12.5048, 16.2193,
22.8939

■ 21.5899, 22.2555,
23.5802

■ 11.7109, 15.5941,
22.8151

■ 23.9214, 23.6925,
23.7347

■ 11.0895, 15.0604,
22.7448

■ 26.5103, 25.2649,
23.9017

■ 10.6244, 14.6101,
22.6824

■ 29.3646, 26.9769,
24.0817

■ 10.2919, 14.2308,
22.6267

■ 32.4919, 28.8324,
24.2751

■ 10.1424, 14.0507,
22.5999

■ 35.8994, 30.8352,
24.4820

■ 39.5942, 32.9888,
24.7030

Harmonies

Analogous

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



15.8398, 18.7125, 20.1424



16.0538, 18.7125, 23.1878



16.7262, 18.7125, 25.6746

Triad

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



16.0538, 18.7125, 23.1878



19.5510, 18.7125, 23.6308



17.8672, 18.7125, 15.1165

Complementary

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



16.0538, 18.7125, 23.1878



15.4756, 14.3577, 13.0225

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.



18.8890, 18.7125, 15.8595



16.0538, 18.7125, 23.1878



19.8847, 18.7125, 20.6088

Square

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



16.0538, 18.7125, 23.1878



18.7425, 18.7125, 25.9476



19.6378, 18.7125, 17.7989



16.8619, 18.7125, 15.6630

Rectangle

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



16.0538, 18.7125, 23.1878



17.3579, 18.7125, 26.5760



19.6378, 18.7125, 17.7989



18.2204, 18.7125, 15.2220

Sweetspot

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



16.0544, 18.7133, 23.1882



33.6089, 36.4173, 41.2141



14.7797, 18.8200, 14.5752



7.8337, 8.5039, 9.6469



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.



16.0544, 18.7133, 23.1882



26.8265, 31.9800, 40.7151



14.2249, 15.0544, 22.5784



4.4131, 4.8202, 5.5111



10.0573, 13.9331, 22.4092



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7871, 14.4361, 21.3045



28.3628, 23.1529, 36.7341



17.1066, 17.6197, 13.5662



4.4813, 4.4057, 5.3392



11.9534, 5.8011, 16.8764



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0538, 18.7125, 23.1878 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 16.0538, 18.7125, 23.1878 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

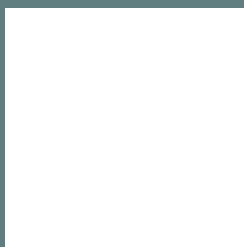
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0538, 18.7125, 23.1878

Background



This preview shows how black text looks on a background with the XYZ color 16.0538, 18.7125, 23.1878.



This preview shows how white text looks on a background with the XYZ color 16.0538, 18.7125,

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

16.0538, 18.7125, 23.1878

Protanopia

17.9806, 18.6420, 21.7194

Deuteranopia

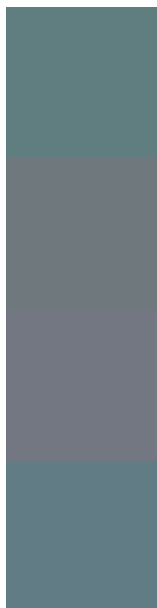
18.8788, 18.5381, 23.7023



Tritanopia

16.4405, 18.6779, 25.2929

Trichromacy



Original Color

16.0538, 18.7125, 23.1878

Protanomaly

17.0946, 18.5349, 22.0787

Deuteranomaly

17.6295, 18.4235, 23.3958

Tritanomaly

16.3023, 18.6226, 24.5651

Monochromacy



Original Color

16.0538, 18.7125, 23.1878

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4743, 18.0646, 20.7077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0538, 18.7125, 23.1878 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(96, 125, 128) looks like.

```
.text, #text, p{  
    color:rgb(96, 125, 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(96, 125, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 125, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.0538, 18.7125, 23.1878 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(96, 125, 128) }
```


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

```
.border{ border-color:rgb(96, 125, 128) }
```

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

Here you see how a box with a 4 pixel rgb(96, 125, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 125, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 125, 128);  
box-shadow:4px 4px 4px 4px rgb(96, 125,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0538, 18.7125, 23.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 125, 128) }
```

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

```
.background{ background-color: rgb(96, 125,  
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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