

Converting Colors

XYZ(16.6775, 18.2974, 23.0748)

Have a look what the booklet for
XYZ(16.6775, 18.2974, 23.0748)
contains.

XYZ(16.6775, 18.2974, 23.0748)	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(16.6775, 18.2974,
23.0748)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7980
RGB	106, 121, 128
RGB Percent	42%, 47%, 50%
CMY	0.5843, 0.5255, 0.4980
CMYK	0.17, 0.05, 0.00, 0.50
HSL	199°, 9%, 46%
HSV	199°, 17%, 50%
XYZ	16.6775, 18.2974, 23.0748
YIQ	117.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

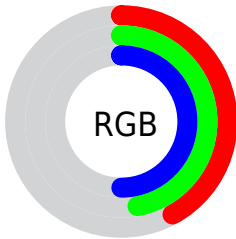
Format	Color
R_{YB}	106, 115, 128
Decimal	6977920
CIE _{Lab}	49.85, -3.94, -5.70
CIE _{LCh}	50, 6.925, 235.355
Yxy	18.2974, 0.2873, 0.3152
Android (android.graphics.Color)	4285168000 (0xFF6A7980)
YUV	117.3130, 5.2687, -9.9215
Hunter-Lab	42.7755, -5.2626, -2.0406

Details

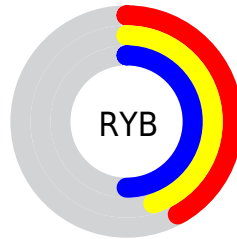
The XYZ color **16.6775, 18.2974, 23.0748** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4089, 17.4401, 16.0848**, and the grayscale version is **16.9927, 17.8776, 19.4687**.

A 20% lighter version of the original color is **37.3846, 40.4924, 49.5615**, and **5.5387, 6.2291, 8.3076** is the 20% darker color. If you saturate the color by 10%, you get **14.7842, 16.6027, 22.8478**, and if you desaturate by 10%, it is **18.8199, 20.1525, 23.3202**.

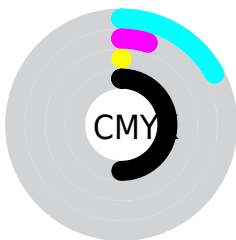
Distribution



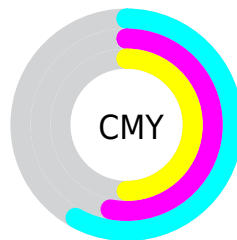
- Red (42%)
- Green (47%)
- Blue (50%)



- Red (42%)
- Yellow (45%)
- Blue (50%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6775, 18.2974, 23.0748 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 16.6775, 18.2974, 23.0748 by changing the saturation by 10% instead.

■ 16.6775, 18.2974,
23.0748

■ 16.6775, 18.2974,
23.0748

226.4996,
242.5420, 281.2433

■ 10.0987, 11.1637,
14.4429

■ 37.3185, 40.5434,
49.4409

■ 5.5272, 6.1771,
8.2871

■ 52.1114, 56.4246,
68.0122

■ 2.5977, 2.9530,
4.1888

■ 70.3730, 75.9903,
90.7336

■ 0.9448, 1.1073,
1.7295

■ 92.4687, 99.6251,
118.0239

■ 0.0000, 0.0000,
0.3808

118.7639,
127.7132, 150.3015

■ 0.0000, 0.0000,
0.0000

149.6239,

160.6392, 187.9849

185.4140,
198.7873, 231.4926

■ 16.6775, 18.2974,
23.0748

■ 16.6775, 18.2974,
23.0748

■ 14.7842, 16.6027,
22.8478

■ 18.8199, 20.1525,
23.3202

■ 13.1280, 15.0603,
22.6374

■ 21.2194, 22.1711,
23.5834

■ 11.6985, 13.6651,
22.4434

■ 23.8856, 24.3589,
23.8652

■ 10.4836, 12.4104,
22.2652

■ 26.8273, 26.7208,
24.1660

■ 9.4704, 11.2891,
22.1022

■ 30.0526, 29.2614,
24.4864

8.6439, 10.2931,
21.9535

33.5694, 31.9851,
24.8268

7.9875, 9.4134,
21.8183

37.3854, 34.8961,
25.1875

7.4664, 8.6317,
21.6949

41.5079, 37.9986,
25.5691

7.3274, 8.4208,
21.6615

45.9438, 41.2966,
25.9719

Harmonies

Analogous

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



16.2660, 18.2974, 21.5249



16.6775, 18.2974, 23.0748



17.2882, 18.2974, 23.7816

Triad

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



16.6775, 18.2974, 23.0748



18.6909, 18.2974, 20.2194



16.8517, 18.2974, 16.8067

Complementary

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



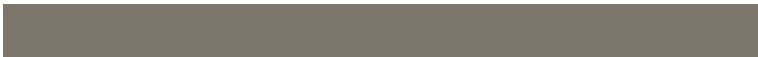
16.6775, 18.2974, 23.0748



17.4089, 17.4401, 16.0848

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.



17.4944, 18.2974, 16.5057



16.6775, 18.2974, 23.0748



18.5669, 18.2974, 18.4021

Square

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



16.6775, 18.2974, 23.0748



18.4595, 18.2974, 22.0678



18.1248, 18.2974, 17.0717



16.3648, 18.2974, 17.9214

Rectangle

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



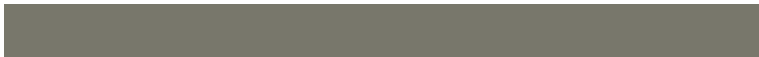
16.6775, 18.2974, 23.0748



17.7304, 18.2974, 23.6489



18.1248, 18.2974, 17.0717



17.0563, 18.2974, 16.6102

Sweetspot

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



16.6780, 18.2982, 23.0752



33.9724, 36.1935, 41.1518



16.6421, 19.6943, 18.5376



7.8974, 8.4260, 9.6285



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.



16.6780, 18.2982, 23.0752



27.8789, 30.9002, 40.4512



15.4200, 15.7821, 22.6559



4.3347, 4.6633, 5.4849



7.2669, 8.3522, 21.4791



0.0000, 0.0000, 0.0000

Inverse Universe

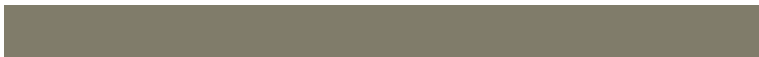
The Inverse Universe completely reimagines the original color for something new.



17.5077, 16.2781, 20.3092



29.6714, 26.6529, 34.4492



18.7074, 20.0371, 16.5176



4.4418, 4.3899, 5.1308



10.5449, 5.2377, 9.4594



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.6775, 18.2974, 23.0748 looks on a white 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

Black Background



This preview shows how the XYZ color 16.6775, 18.2974, 23.0748 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

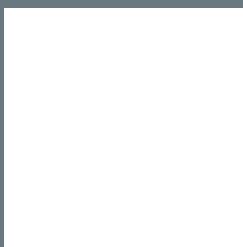
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6775, 18.2974, 23.0748

Background



This preview shows how black text looks on a background with the XYZ color 16.6775, 18.2974, 23.0748.



This preview shows how white text looks on a background with the XYZ color 16.6775, 18.2974,

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

16.6775, 18.2974, 23.0748

Protanopia

17.7155, 18.3148, 22.3401

Deuteranopia

18.5506, 18.2064, 23.3053



Tritanopia

16.8105, 18.3506, 23.7751

Trichromacy



Original Color

16.6775, 18.2974, 23.0748

Protanomaly

17.3670, 18.3034, 22.6962

Deuteranomaly

17.7950, 18.1591, 23.3360

Tritanomaly

16.7437, 18.3239, 23.4233

Monochromacy



Original Color

16.6775, 18.2974, 23.0748

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.7397, 17.8481, 20.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6775, 18.2974, 23.0748 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(106, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 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(106, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.6775, 18.2974, 23.0748 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(106, 121, 128) }
```


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

```
.border{ border-color:rgb(106, 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(106, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 121,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6775, 18.2974, 23.0748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 121, 128) }
```

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

```
.background{ background-color: rgb(106,  
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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