

Converting Colors

XYZ(16.3914, 18.1164, 20.8002)

Have a look what the booklet for
XYZ(16.3914, 18.1164, 20.8002)
contains.

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Color

**XYZ(16.4729, 18.2434,
20.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7979
RGB	108, 121, 121
RGB Percent	42%, 47%, 47%
CMY	0.5765, 0.5255, 0.5255
CMYK	0.11, 0.00, 0.00, 0.53
HSL	180°, 6%, 45%
HSV	180°, 11%, 47%
XYZ	16.4729, 18.2434, 20.7423
YIQ	117.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

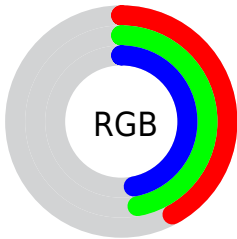
Format	Color
R_{YB}	108, 115, 121
Decimal	7108985
CIE _{Lab}	49.79, -4.81, -1.65
CIE _{LCh}	50, 5.081, 198.922
Yxy	18.2434, 0.2970, 0.3290
Android (android.graphics.Color)	4285299065 (0xFF6C7979)
YUV	117.1130, 1.9163, -7.9921
Hunter-Lab	42.7123, -5.9042, 1.1057

Details

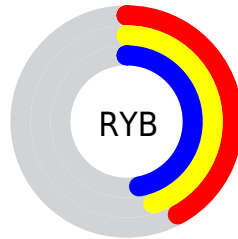
The XYZ color **16.4729, 18.2434, 20.7423** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9551, 15.8732, 16.4111**, and the grayscale version is **16.9399, 17.8221, 19.4083**.

A 20% lighter version of the original color is **36.9836, 40.3779, 45.3796**, and **5.4486, 6.2068, 7.2142** is the 20% darker color. If you saturate the color by 10%, you get **15.1023, 17.5373, 20.6779**, and if you desaturate by 10%, it is **18.0489, 19.0563, 20.8170**.

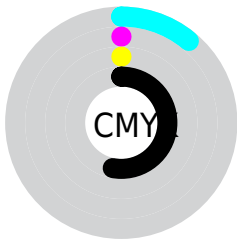
Distribution



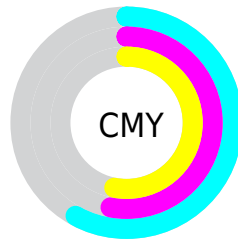
- Red (42%)
- Green (47%)
- Blue (47%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4729, 18.2434, 20.7423 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 16.4729, 18.2434, 20.7423 by changing the saturation by 10% instead.

■ 16.4729, 18.2434,
20.7423

■ 16.4729, 18.2434,
20.7423

225.3322,
242.2394, 268.6417

■ 9.9524, 11.1249,
12.7464

■ 36.9681, 40.4516,
45.5335

■ 5.4294, 6.1509,
7.1255

■ 51.6735, 56.3101,
63.1658

■ 2.5387, 2.9370,
3.4610

■ 69.8379, 75.8508,
84.8473

■ 0.9148, 1.0990,
1.3346

■ 91.8266, 99.4579,
110.9965

■ 0.0000, 0.0000,
0.0899

118.0051,
127.5159, 142.0320

■ 0.0000, 0.0000,
0.0000

148.7386,

160.4093, 178.3724

184.3925,
198.5223, 220.4361

■ 16.4729, 18.2434,
20.7423

■ 16.4729, 18.2434,
20.7423

■ 15.1023, 17.5373,
20.6779

■ 18.0489, 19.0563,
20.8170

■ 13.9271, 16.9315,
20.6223

■ 19.8365, 19.9778,
20.9013

■ 12.9388, 16.4220,
20.5755

■ 21.8437, 21.0126,
20.9958

■ 12.1279, 16.0040,
20.5369

■ 24.0777, 22.1642,
21.1010

■ 11.4839, 15.6720,
20.5062

■ 26.5452, 23.4363,
21.2171

■ 10.9950, 15.4200,
20.4827

■ 29.2527, 24.8320,
21.3444

■ 10.6484, 15.2414,
20.4659

■ 32.2064, 26.3547,
21.4832

■ 10.4287, 15.1281,
20.4550

■ 35.4125, 28.0075,
21.6338

■ 10.2880, 15.0556,
20.4479

■ 38.8766, 29.7933,
21.7966

Harmonies

Analogous

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



16.4410, 18.2434, 19.3554



16.4729, 18.2434, 20.7423



16.7345, 18.2434, 21.9451

Triad

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



16.4729, 18.2434, 20.7423



18.0520, 18.2434, 21.6702



17.5195, 18.2434, 17.3576

Complementary

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



16.4729, 18.2434, 20.7423



15.9551, 15.8732, 16.4111

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.



17.9595, 18.2434, 17.9188



16.4729, 18.2434, 20.7423



18.2708, 18.2434, 20.3813

Square

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



16.4729, 18.2434, 20.7423



17.6438, 18.2434, 22.4978



18.2366, 18.2434, 19.0108



17.0393, 18.2434, 17.4442

Rectangle

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



16.4729, 18.2434, 20.7423



17.0067, 18.2434, 22.4605



18.2366, 18.2434, 19.0108



17.6772, 18.2434, 17.4757

Sweetspot

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



16.4734, 18.2442, 20.7427



31.6284, 33.7670, 37.2433



15.7554, 17.9600, 16.8238



7.1843, 7.6963, 8.5135



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.4734, 18.2442, 20.7427



28.8303, 32.3245, 37.1112



15.7345, 16.7661, 20.4970



4.1071, 4.5124, 5.0976



11.0245, 16.1335, 21.9118



52.5878, 76.9581, 104.5200

Inverse Universe

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



15.9551, 15.8732, 16.4111



27.6988, 27.1485, 27.6547



16.6419, 17.2470, 16.6395



3.9983, 4.0151, 4.1889



8.4503, 4.3563, 0.3960



40.3083, 20.7797, 1.8875

Previews

White Background



This preview shows how the XYZ color 16.4729, 18.2434, 20.7423 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 16.4729, 18.2434, 20.7423 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

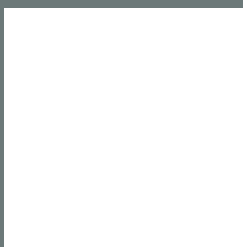
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4729, 18.2434, 20.7423

Background



This preview shows how black text looks on a background with the XYZ color 16.4729, 18.2434, 20.7423.



This preview shows how white text looks on a background with the XYZ color 16.4729, 18.2434,

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

16.4729, 18.2434, 20.7423

Protanopia

17.5539, 18.2818, 20.0563

Deuteranopia

18.5457, 18.2558, 20.9586



Tritanopia

16.9856, 18.2691, 23.3999

Trichromacy



Original Color

16.4729, 18.2434, 20.7423

Protanomaly

17.1894, 18.2627, 20.3884

Deuteranomaly

17.7593, 18.1927, 20.9879

Tritanomaly

16.7890, 18.1905, 22.3649

Monochromacy



Original Color

16.4729, 18.2434, 20.7423

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6879, 17.8423, 19.7039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4729, 18.2434, 20.7423 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(108, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(108, 121, 121)  
}
```

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(108, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 121, 121) }
```

Border

The CSS property to change the border of an element to XYZ 16.4729, 18.2434, 20.7423 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(108, 121, 121) }
```


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

```
.border{ border-color:rgb(108, 121, 121) }
```

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

Here you see how a box with a 4 pixel rgb(108, 121, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(108, 121,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4729, 18.2434, 20.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 121, 121) }
```

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

```
.background{ background-color: rgb(108,  
121, 121) }
```

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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