

Converting Colors

XYZ(16.7482, 18.3361, 21.6750)

Have a look what the booklet for
XYZ(16.7482, 18.3361, 21.6750)
contains.

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Color

**XYZ(16.7821, 18.3812,
21.7322)**

Conversions

Conversions Part 1

Format	Color
Hex	6D797C
RGB	109, 121, 124
RGB Percent	43%, 47%, 49%
CMY	0.5725, 0.5255, 0.5137
CMYK	0.12, 0.02, 0.00, 0.51
HSL	192°, 6%, 46%
HSV	192°, 12%, 49%
XYZ	16.7821, 18.3812, 21.7322
YIQ	117.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

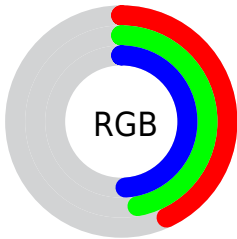
Format	Color
R_{YB}	109, 116, 124
Decimal	7174524
CIE _{Lab}	49.96, -3.79, -3.17
CIE _{LCh}	50, 4.935, 219.900
Yxy	18.3812, 0.2950, 0.3231
Android (android.graphics.Color)	4285364604 (0xFF6D797C)
YUV	117.7540, 3.0793, -7.6773
Hunter-Lab	42.8733, -5.1572, -0.0424

Details

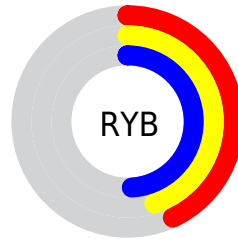
The XYZ color **16.7821, 18.3812, 21.7322** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8667, 16.9773, 16.8562**, and the grayscale version is **17.1359, 18.0283, 19.6328**.

A 20% lighter version of the original color is **37.4780, 40.5988, 46.9353**, and **5.5770, 6.2652, 7.5720** is the 20% darker color. If you saturate the color by 10%, you get **15.0658, 17.0555, 21.5671**, and if you desaturate by 10%, it is **18.7224, 19.8348, 21.9108**.

Distribution



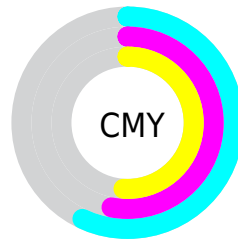
- Red (43%)
- Green (47%)
- Blue (49%)



- Red (43%)
- Yellow (45%)
- Blue (49%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7821, 18.3812, 21.7322 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 16.7821, 18.3812, 21.7322 by changing the saturation by 10% instead.

■ 16.7821, 18.3812,
21.7322

■ 16.7821, 18.3812,
21.7322

227.0943,
243.0110, 274.0523

■ 10.1736, 11.2240,
13.4638

■ 37.4973, 40.6858,
47.1995

■ 5.5774, 6.2177,
7.6142

■ 52.3348, 56.6020,
65.2355

■ 2.6280, 2.9779,
3.7649

■ 70.6459, 76.2067,
87.3644

■ 0.9603, 1.1202,
1.4973

■ 92.7961, 99.8843,
114.0048

■ 0.0000, 0.0000,
0.2159

119.1507,
128.0191, 145.5753

■ 0.0000, 0.0000,
0.0000

150.0750,

160.9955, 182.4943

185.9344,
199.1980, 225.1805

■ 16.7821, 18.3812,
21.7322

■ 16.7821, 18.3812,
21.7322

■ 15.0658, 17.0555,
21.5671

■ 18.7224, 19.8348,
21.9108

■ 13.5630, 15.8508,
21.4137

■ 20.8936, 21.4186,
22.1021

■ 12.2645, 14.7627,
21.2722

■ 23.3044, 23.1375,
22.3068

■ 11.1598, 13.7858,
21.1418

■ 25.9623, 24.9955,
22.5253

■ 10.2377, 12.9142,
21.0222

■ 28.8746, 26.9966,
22.7581

■ 9.4856, 12.1412,
20.9126

■ 32.0484, 29.1443,
23.0053

■ 8.8891, 11.4594,
20.8125

■ 35.4904, 31.4422,
23.2675

■ 8.4317, 10.8602,
20.7209

■ 39.2069, 33.8938,
23.5448

■ 8.1207, 10.4203,
20.6524

■ 43.2044, 36.5023,
23.8376

Harmonies

Analogous

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



16.5898, 18.3812, 20.4653



16.7821, 18.3812, 21.7322



17.1600, 18.3812, 22.5618

Triad

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



16.7821, 18.3812, 21.7322



18.3391, 18.3812, 20.9228



17.3148, 18.3812, 17.5555

Complementary

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



16.7821, 18.3812, 21.7322



16.8667, 16.9773, 16.8562

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.



17.7853, 18.3812, 17.6656



16.7821, 18.3812, 21.7322



18.3824, 18.3812, 19.5694

Square

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



16.7821, 18.3812, 21.7322



18.0609, 18.3812, 22.0801



18.1780, 18.3812, 18.3888



16.8937, 18.3812, 18.0810

Rectangle

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



16.7821, 18.3812, 21.7322



17.4692, 18.3812, 22.7341



18.1780, 18.3812, 18.3888



17.4724, 18.3812, 17.5200

Sweetspot

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



16.7826, 18.3820, 21.7326



32.2324, 34.3751, 38.4929



16.4253, 18.8311, 18.0256



7.5370, 8.0555, 9.0607



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.7826, 18.3820, 21.7326



28.5061, 31.5627, 38.1464



15.9341, 16.6850, 21.4498



4.0423, 4.3829, 5.0761



8.2535, 10.5894, 20.9942



38.7615, 49.2957, 99.9419

Inverse Universe

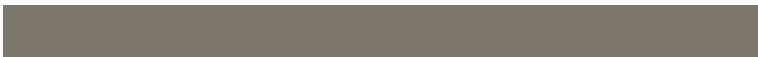
The Inverse Universe completely reimagines the original color for something new.



17.2324, 16.6031, 20.3866



29.4964, 27.6998, 35.1707



17.6994, 18.6427, 17.1337



4.1218, 4.0644, 4.8390



10.7493, 5.2759, 12.5027



50.9682, 25.0436, 58.0217

Previews

White Background



This preview shows how the XYZ color 16.7821, 18.3812, 21.7322 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 16.7821, 18.3812, 21.7322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

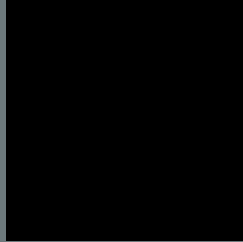
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

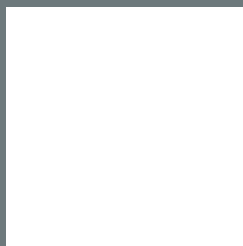
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7821, 18.3812, 21.7322

Background



This preview shows how black text looks on a background with the XYZ color 16.7821, 18.3812, 21.7322.



This preview shows how white text looks on a background with the XYZ color 16.7821, 18.3812,

21.7322.

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

16.7821, 18.3812, 21.7322

Protanopia

17.7370, 18.3551, 21.0204

Deuteranopia

18.5848, 18.2542, 21.9459



Tritanopia

17.1761, 18.3596, 23.7576

Trichromacy



Original Color

16.7821, 18.3812, 21.7322

Protanomaly

17.3744, 18.3367, 21.3625

Deuteranomaly

17.8087, 18.1963, 21.9757

Tritanomaly

17.0432, 18.3065, 23.0573

Monochromacy



Original Color

16.7821, 18.3812, 21.7322

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0572, 18.1946, 20.3822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7821, 18.3812, 21.7322 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, 124) looks like.

```
.text, #text, p{  
    color:rgb(109, 121, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 121, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.7821, 18.3812, 21.7322 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, 124) }
```


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

```
.border{ border-color:rgb(109, 121, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 121, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 121, 124);  
box-shadow:4px 4px 4px 4px rgb(109, 121,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7821, 18.3812, 21.7322 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, 124) }
```

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

```
.background{ background-color: rgb(109,  
121, 124) }
```

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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