

Converting Colors

XYZ(16.5620, 17.1834, 21.5463)

Have a look what the booklet for
XYZ(16.5620, 17.1834, 21.5463)
contains.

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Color

**XYZ(16.5789, 17.2274,
21.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	71737C
RGB	113, 115, 124
RGB Percent	44%, 45%, 49%
CMY	0.5569, 0.5490, 0.5137
CMYK	0.09, 0.07, 0.00, 0.51
HSL	229°, 5%, 46%
HSV	229°, 9%, 49%
XYZ	16.5789, 17.2274, 21.5202
YIQ	115.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

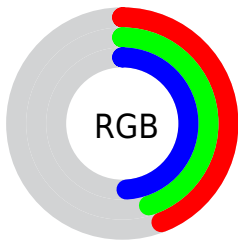
Format	Color
R_{YB}	113, 115, 124
Decimal	7435132
CIE Lab	48.55, 1.15, -5.21
CIE LCh	49, 5.341, 282.488
Yxy	17.2274, 0.2997, 0.3114
Android (android.graphics.Color)	4285625212 (0xFF71737C)
YUV	115.4280, 4.2260, -2.1294
Hunter-Lab	41.5059, -1.3362, -1.6869

Details

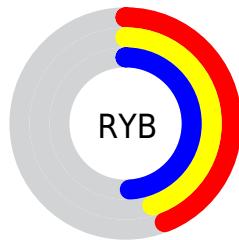
The XYZ color **16.5789, 17.2274, 21.5202** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2525, 19.3964, 18.4051**, and the grayscale version is **16.4146, 17.2694, 18.8064**.

A 20% lighter version of the original color is **37.1722, 38.7714, 46.5987**, and **5.4571, 5.6461, 7.4588** is the 20% darker color. If you saturate the color by 10%, you get **13.9976, 14.2734, 21.0863**, and if you desaturate by 10%, it is **19.5065, 20.5499, 22.0075**.

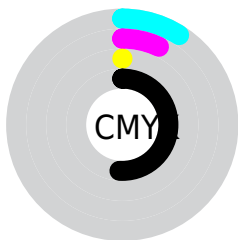
Distribution



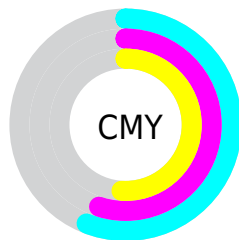
- Red (44%)
- Green (45%)
- Blue (49%)



- Red (44%)
- Yellow (45%)
- Blue (49%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5789, 17.2274, 21.5202 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 16.5789, 17.2274, 21.5202 by changing the saturation by 10% instead.

■ 16.5789, 17.2274,
21.5202

■ 16.5789, 17.2274,
21.5202

225.9377,
236.4794, 272.9016

■ 10.0282, 10.3968,
13.3098

■ 37.1497, 38.7163,
46.8437

■ 5.4800, 5.6628,
7.5090

■ 51.9005, 54.1434,
64.7939

■ 2.5692, 2.6411,
3.6992

■ 70.1153, 73.2048,
86.8278

■ 0.9303, 0.9474,
1.4618

■ 92.1596, 96.2848,
113.3639

■ 0.0000, 0.0000,
0.1892

118.3986,
123.7679, 144.8208

■ 0.0000, 0.0000,
0.0000

149.1977,

156.0384, 181.6170

184.9223,
193.4808, 224.1711

■ 16.5789, 17.2274,
21.5202

■ 16.5789, 17.2274,
21.5202

■ 13.9976, 14.2734,
21.0863

■ 19.5065, 20.5499,
22.0075

■ 11.7483, 11.6729,
20.7029

■ 22.7911, 24.2508,
22.5487

■ 9.8177, 9.4132,
20.3685

■ 26.4449, 28.3423,
23.1459

■ 8.1911, 7.4800,
20.0811

■ 30.4788, 32.8356,
23.8005

■ 6.8528, 5.8578,
19.8385

■ 34.9036, 37.7411,
24.5142

■ 5.7854, 4.5301,
19.6385

■ 39.7293, 43.0692,
25.2883

■ 4.9698, 3.4785,
19.4785

■ 44.9658, 48.8297,
26.1242

■ 4.3839, 2.6826,
19.3558

■ 50.6226, 55.0320,
27.0232

■ 3.9763, 2.1055,
19.2659

■ 56.7088, 61.6855,
27.9867

Harmonies

Analogous

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



16.0920, 17.2274, 21.4531



16.5789, 17.2274, 21.5202



17.0194, 17.2274, 20.8207

Triad

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



16.5789, 17.2274, 21.5202



17.0795, 17.2274, 16.9919



15.4911, 17.2274, 17.9567

Complementary

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



16.5789, 17.2274, 21.5202



18.2525, 19.3964, 18.4051

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.



15.7454, 17.2274, 16.8357



16.5789, 17.2274, 21.5202



16.6595, 17.2274, 16.2981

Square

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



16.5789, 17.2274, 21.5202



17.3123, 17.2274, 18.1797



16.1710, 17.2274, 16.2424



15.4705, 17.2274, 19.3478

Rectangle

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



16.5789, 17.2274, 21.5202



17.2249, 17.2274, 20.0332



16.1710, 17.2274, 16.2424



15.5519, 17.2274, 17.5375

Sweetspot

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



16.5794, 17.2281, 21.5206



32.0872, 33.6269, 38.3561



17.5299, 19.3311, 21.2146



7.4682, 7.8189, 9.0187



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.



16.5794, 17.2281, 21.5206



28.0349, 29.0161, 37.6797



16.8105, 17.0121, 21.4667



3.8512, 4.0007, 5.0124



3.9996, 2.0817, 19.5763



18.6164, 9.0054, 93.2268

Inverse Universe

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



17.3122, 17.3336, 18.6537



29.6501, 29.2606, 31.3583



18.0062, 19.6380, 18.4647



4.0253, 4.0259, 4.3311



8.6021, 4.4170, 1.1959



40.7998, 20.9763, 4.4761

Previews

White Background



This preview shows how the XYZ color 16.5789, 17.2274, 21.5202 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 16.5789, 17.2274, 21.5202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

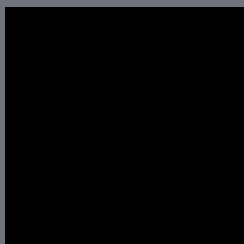
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

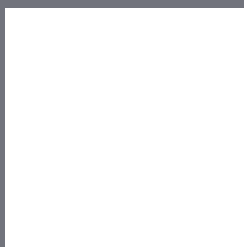
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5789, 17.2274, 21.5202

Background



This preview shows how black text looks on a background with the XYZ color 16.5789, 17.2274, 21.5202.



This preview shows how white text looks on a background with the XYZ color 16.5789, 17.2274,

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

16.5789, 17.2274, 21.5202

Protanopia

16.7256, 17.1347, 21.4946

Deuteranopia

17.5219, 17.2066, 21.7997



Tritanopia

16.5789, 17.2274, 21.5202

Trichromacy



Original Color

16.5789, 17.2274, 21.5202

Protanomaly

16.5948, 17.0673, 21.4885

Deuteranomaly

17.2145, 17.2129, 21.8171

Tritanomaly

16.5789, 17.2274, 21.5202

Monochromacy



Original Color

16.5789, 17.2274, 21.5202

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3402, 17.1469, 19.5880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5789, 17.2274, 21.5202 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(113, 115, 124)` looks like.

```
.text, #text, p{  
    color:rgb(113, 115, 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(113, 115, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 115, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.5789, 17.2274, 21.5202 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(113, 115, 124) }
```


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

```
.border{ border-color:rgb(113, 115, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 115, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 115, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 115, 124);  
box-shadow:4px 4px 4px 4px rgb(113, 115,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5789, 17.2274, 21.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 115, 124) }
```

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

```
.background{ background-color: rgb(113,  
115, 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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