

Converting Colors

XYZ(17.7498, 17.0669, 21.2846)

Have a look what the booklet for
XYZ(17.7498, 17.0669, 21.2846)
contains.

XYZ(17.6715, 16.9671, 21.4124)	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(17.6715, 16.9671,
21.4124)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6E7C
RGB	125, 110, 124
RGB Percent	49%, 43%, 49%
CMY	0.5098, 0.5686, 0.5137
CMYK	0.00, 0.12, 0.01, 0.51
HSL	304°, 6%, 46%
HSV	304°, 12%, 49%
XYZ	17.6715, 16.9671, 21.4124
YIQ	116.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

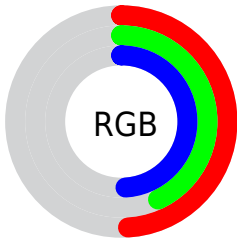
Format	Color
R_{YB}	125, 110, 124
Decimal	8220284
CIE Lab	48.22, 8.57, -5.58
CIE LCh	48, 10.229, 326.917
Yxy	16.9671, 0.3153, 0.3027
Android (android.graphics.Color)	4286410364 (0xFF7D6E7C)
YUV	116.0810, 3.9041, 7.8220
Hunter-Lab	41.1911, 4.4942, -1.9869

Details

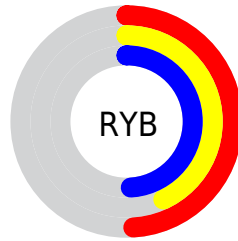
The XYZ color **17.6715, 16.9671, 21.4124** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6340, 19.1304, 17.8557**, and the grayscale version is **16.6132, 17.4784, 19.0339**.

A 20% lighter version of the original color is **39.1169, 38.4402, 46.4323**, and **5.9731, 5.4897, 7.4014** is the 20% darker color. If you saturate the color by 10%, you get **16.3645, 14.4369, 20.7179**, and if you desaturate by 10%, it is **19.1702, 19.8795, 22.1734**.

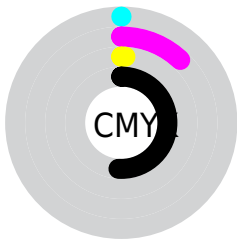
Distribution



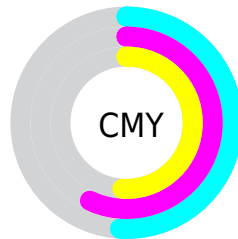
- Red (49%)
- Green (43%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6715, 16.9671, 21.4124 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 17.6715, 16.9671, 21.4124 by changing the saturation by 10% instead.

■ 17.6715, 16.9671,
21.4124

■ 17.6715, 16.9671,
21.4124

232.0944,
234.9827, 272.3148

■ 10.8127, 10.2110,
13.2316

■ 39.0113, 38.2692,
46.6625

■ 6.0074, 5.5391,
7.4556

■ 54.2229, 53.5840,
64.5690

■ 2.8903, 2.5669,
3.6659

■ 72.9495, 72.5206,
86.5544

■ 1.0960, 0.9101,
1.4439

■ 95.5564, 95.4632,
113.0373

■ 0.0218, 0.0000,
0.1756

122.4090,
122.7963, 144.4363

■ 0.0000, 0.0000,
0.0000

153.8726,

154.9044, 181.1698

190.3127,
192.1717, 223.6565

■ 17.6715, 16.9671,
21.4124

■ 17.6715, 16.9671,
21.4124

■ 16.3645, 14.4369,
20.7179

■ 19.1702, 19.8795,
22.1734

■ 15.2399, 12.2709,
20.0863

■ 20.8665, 23.1867,
23.0022

■ 14.2895, 10.4528,
19.5149

■ 22.7681, 26.9037,
23.9017

■ 13.5044, 8.9644,
19.0007

■ 24.8816, 31.0439,
24.8740

■ 12.8744, 7.7855,
18.5404

■ 27.2135, 35.6201,
25.9214

■ 12.3884, 6.8942,
18.1304

■ 29.7699, 40.6445,
27.0458

■ 12.0341, 6.2652,
17.7663

■ 32.5567, 46.1290,
28.2492

■ 11.7966, 5.8694,
17.4434

■ 35.5795, 52.0849,
29.5336

■ 11.6488, 5.6365,
17.2007

■ 38.8438, 58.5231,
30.9007

Harmonies

Analogous

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



16.9496, 16.9671, 23.4260



17.6715, 16.9671, 21.4124



17.9786, 16.9671, 18.7511

Triad

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



17.6715, 16.9671, 21.4124



16.2231, 16.9671, 13.8188



14.5846, 16.9671, 20.8904

Complementary

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



17.6715, 16.9671, 21.4124



16.6340, 19.1304, 17.8557

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.



14.4066, 16.9671, 18.2002



17.6715, 16.9671, 21.4124



15.3309, 16.9671, 14.2747

Square

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



17.6715, 16.9671, 21.4124



17.1224, 16.9671, 14.5078



14.6747, 16.9671, 15.8180



15.1704, 16.9671, 23.1049

Rectangle

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



17.6715, 16.9671, 21.4124



17.8983, 16.9671, 17.0242



14.6747, 16.9671, 15.8180



14.4761, 16.9671, 20.0045

Sweetspot

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



17.6720, 16.9678, 21.4128



33.7366, 34.4467, 39.4107



15.8339, 16.0129, 21.6586



7.6329, 7.7558, 8.9439



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.



17.6720, 16.9678, 21.4128



31.0677, 29.2640, 38.0429



17.2155, 16.7853, 19.0091



4.4862, 4.4076, 5.3647



12.1567, 5.8824, 17.9467



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.6720, 16.9678, 21.4128



31.0677, 29.2640, 38.0429



17.0645, 19.3026, 20.1227



4.4862, 4.4076, 5.3647



12.1567, 5.8824, 17.9467



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6715, 16.9671, 21.4124 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 17.6715, 16.9671, 21.4124 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 17.6715, 16.9671, 21.4124

Background



This preview shows how black text looks on a background with the XYZ color 17.6715, 16.9671, 21.4124.



This preview shows how white text looks on a background with the XYZ color 17.6715, 16.9671,

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

17.6715, 16.9671, 21.4124

Protanopia

16.5933, 17.0517, 22.1554

Deuteranopia

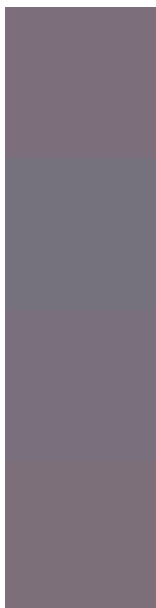
17.2077, 16.8891, 21.4218



Tritanopia

17.3264, 16.9859, 19.8182

Trichromacy



Original Color

17.6715, 16.9671, 21.4124

Protanomaly

16.9429, 17.0728, 21.8044

Deuteranomaly

17.3486, 16.9617, 21.4283

Tritanomaly

17.4478, 17.0344, 20.4575

Monochromacy



Original Color

17.6715, 16.9671, 21.4124

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9548, 17.2885, 19.8962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6715, 16.9671, 21.4124 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(125, 110, 124) looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 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(125, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.6715, 16.9671, 21.4124 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(125, 110, 124) }
```


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

```
.border{ border-color:rgb(125, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(125, 110,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6715, 16.9671, 21.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 124) }
```

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

```
.background{ background-color: rgb(125,  
110, 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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