

Converting Colors

XYZ(17.6604, 17.7923, 21.6713)

Have a look what the booklet for
XYZ(17.6604, 17.7923, 21.6713)
contains.

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Color

**XYZ(17.6540, 17.7817,
21.5705)**

Conversions

Conversions Part 1

Format	Color
Hex	79737C
RGB	121, 115, 124
RGB Percent	47%, 45%, 49%
CMY	0.5255, 0.5490, 0.5137
CMYK	0.02, 0.07, 0.00, 0.51
HSL	280°, 4%, 47%
HSV	280°, 7%, 49%
XYZ	17.6540, 17.7817, 21.5705
YIQ	117.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

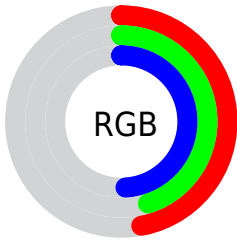
Format	Color
R_{YB}	121, 115, 124
Decimal	7959420
CIE Lab	49.23, 4.12, -4.12
CIE LCh	49, 5.826, 314.935
Yxy	17.7817, 0.3097, 0.3119
Android (android.graphics.Color)	4286149500 (0xFF79737C)
YUV	117.8200, 3.0467, 2.7889
Hunter-Lab	42.1684, 0.9353, -0.8109

Details

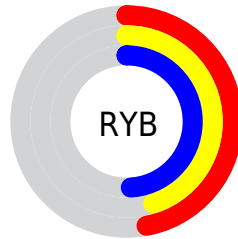
The XYZ color **17.6540, 17.7817, 21.5705** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7741, 19.5051, 19.0487**, and the grayscale version is **17.1547, 18.0481, 19.6544**.

A 20% lighter version of the original color is **38.8888, 39.6563, 46.6791**, and **5.9496, 5.9000, 7.4818** is the 20% darker color. If you saturate the color by 10%, you get **15.7672, 14.8497, 21.1043**, and if you desaturate by 10%, it is **19.7569, 21.1085, 22.1021**.

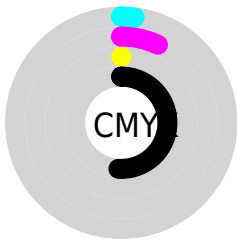
Distribution



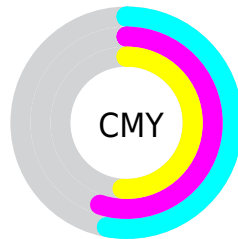
- Red (47%)
- Green (45%)
- Blue (49%)



- Red (47%)
- Yellow (45%)
- Blue (49%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6540, 17.7817, 21.5705 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 17.6540, 17.7817, 21.5705 by changing the saturation by 10% instead.

■ 17.6540, 17.7817,
21.5705

■ 17.6540, 17.7817,
21.5705

231.9970,
239.6377, 273.1750

■ 10.8000, 10.7934,
13.3464

■ 38.9816, 39.6650,
46.9281

■ 5.9988, 5.9281,
7.5340

■ 54.1859, 55.3288,
64.8987

■ 2.8850, 2.8014,
3.7148

■ 72.9044, 74.6531,
86.9552

■ 1.0933, 1.0289,
1.4702

■ 95.5025, 98.0225,
113.5161

■ 0.0195, 0.0000,
0.1956

122.3454,
125.8212, 145.0000

■ 0.0000, 0.0000,
0.0000

153.7986,

158.4337, 181.8254

190.2273,
196.2444, 224.4109

■ 17.6540, 17.7817,
21.5705

■ 17.6540, 17.7817,
21.5705

■ 15.7672, 14.8497,
21.1043

■ 19.7569, 21.1085,
22.1021

■ 14.0871, 12.2949,
20.6997

■ 22.0817, 24.8423,
22.7002

■ 12.6059, 10.1019,
20.3545

■ 24.6361, 28.9973,
23.3676

■ 11.3146, 8.2532,
20.0657

■ 27.4268, 33.5866,
24.1063

■ 10.2034, 6.7299,
19.8302

■ 30.4601, 38.6228,
24.9185

■ 9.2619, 5.5112,
19.6446

■ 33.7424, 44.1176,
25.8062

■ 8.4780, 4.5739,
19.5050

■ 37.2794, 50.0827,
26.7711

■ 7.8381, 3.8912,
19.4070

■ 41.0770, 56.5290,
27.8152

■ 7.3127, 3.4044,
19.3407

■ 45.1407, 63.4673,
28.9403

Harmonies

Analogous

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



17.1732, 17.7817, 22.4167



17.6540, 17.7817, 21.5705



17.9360, 17.7817, 20.1539

Triad

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



17.6540, 17.7817, 21.5705



17.1755, 17.7817, 16.5985



15.9060, 17.7817, 20.1472

Complementary

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



17.6540, 17.7817, 21.5705



17.7741, 19.5051, 19.0487

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.



15.9066, 17.7817, 18.5896



17.6540, 17.7817, 21.5705



16.6316, 17.7817, 16.5969

Square

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



17.6540, 17.7817, 21.5705



17.6557, 17.7817, 17.3127



16.1697, 17.7817, 17.3082



16.1680, 17.7817, 21.5653

Rectangle

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



17.6540, 17.7817, 21.5705



17.9695, 17.7817, 19.1035



16.1697, 17.7817, 17.3082



15.8756, 17.7817, 19.6213

Sweetspot

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



17.6545, 17.7825, 21.5709



32.9464, 34.2532, 38.4317



17.2052, 18.0931, 21.6545



7.7723, 8.0876, 9.0545



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.



17.6545, 17.7825, 21.5709



30.3879, 30.2287, 37.7897



17.9967, 17.9687, 21.1444



4.0308, 4.0138, 5.0055



7.2915, 3.3317, 19.6441



33.8506, 15.4126, 93.6606

Inverse Universe

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



17.7136, 17.8554, 19.6533



30.5228, 30.3924, 33.5409



17.4513, 19.3297, 19.4420



4.0483, 4.0351, 4.4521



8.8620, 4.5209, 2.5642



41.9149, 21.4223, 10.3479

Previews

White Background



This preview shows how the XYZ color 17.6540, 17.7817, 21.5705 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 17.6540, 17.7817, 21.5705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

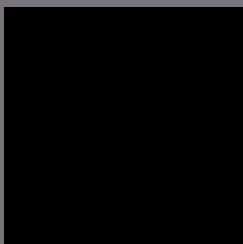
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

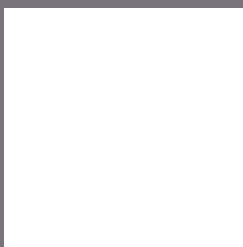
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6540, 17.7817, 21.5705

Background



This preview shows how black text looks on a background with the XYZ color 17.6540, 17.7817, 21.5705.



This preview shows how white text looks on a background with the XYZ color 17.6540, 17.7817,

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

17.6540, 17.7817, 21.5705

Protanopia

17.2832, 17.7534, 21.9179

Deuteranopia

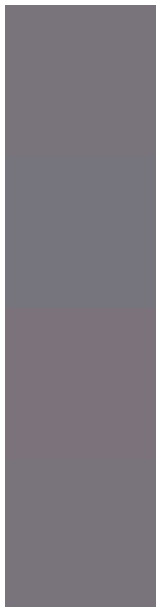
18.1129, 17.8498, 21.5595



Tritanopia

17.6540, 17.7817, 21.5705

Trichromacy



Original Color

17.6540, 17.7817, 21.5705

Protanomaly

17.4183, 17.8230, 21.9242

Deuteranomaly

17.9676, 17.7749, 21.5527

Tritanomaly

17.6540, 17.7817, 21.5705

Monochromacy



Original Color

17.6540, 17.7817, 21.5705

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3592, 18.0006, 20.3288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6540, 17.7817, 21.5705 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(121, 115, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 115, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 115, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.6540, 17.7817, 21.5705 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(121, 115, 124) }
```


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

```
.border{ border-color:rgb(121, 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(121, 115, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 115, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 115, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 115,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6540, 17.7817, 21.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 115, 124) }
```

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

```
.background{ background-color: rgb(121,  
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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