

Converting Colors

XYZ(16.9730, 17.6882, 21.4421)

Have a look what the booklet for
XYZ(16.9730, 17.6882, 21.4421)
contains.

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Color

**XYZ(16.9537, 17.5909,
21.5706)**

Conversions

Conversions Part 1

Format	Color
Hex	73747C
RGB	115, 116, 124
RGB Percent	45%, 45%, 49%
CMY	0.5490, 0.5451, 0.5137
CMYK	0.07, 0.06, 0.00, 0.51
HSL	233°, 4%, 47%
HSV	233°, 7%, 49%
XYZ	16.9537, 17.5909, 21.5706
YIQ	116.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

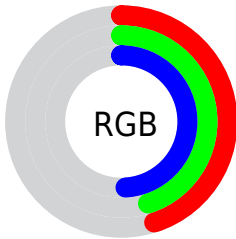
Format	Color
R_{YB}	115, 116, 124
Decimal	7566460
CIE _{Lab}	49.00, 1.30, -4.53
CIE _{LCh}	49, 4.712, 286.033
Yxy	17.5909, 0.3021, 0.3135
Android (android.graphics.Color)	4285756540 (0xFF73747C)
YUV	116.6130, 3.6418, -1.4146
Hunter-Lab	41.9415, -1.2439, -1.1339

Details

The XYZ color **16.9537, 17.5909, 21.5706** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4896, 19.6885, 19.0456**, and the grayscale version is **16.7792, 17.6530, 19.2241**.

A 20% lighter version of the original color is **37.7755, 39.3553, 46.6797**, and **5.6519, 5.8355, 7.4851** is the 20% darker color. If you saturate the color by 10%, you get **14.2359, 14.4152, 21.1011**, and if you desaturate by 10%, it is **20.0426, 21.1826, 22.1013**.

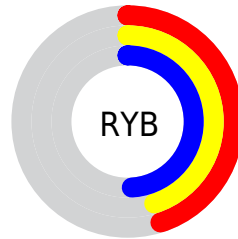
Distribution



Red (45%)

Green (45%)

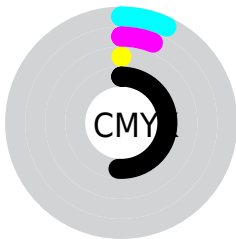
Blue (49%)



Red (45%)

Yellow (45%)

Blue (49%)

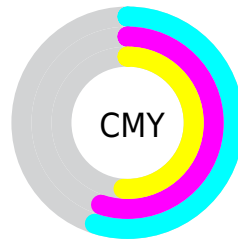


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9537, 17.5909, 21.5706 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 16.9537, 17.5909, 21.5706 by changing the saturation by 10% instead.

■ 16.9537, 17.5909,
21.5706

■ 16.9537, 17.5909,
21.5706

228.0669,
238.5549, 273.1755

■ 10.2966, 10.6567,
13.3464

■ 37.7904, 39.3390,
46.9283

■ 5.6598, 5.8365,
7.5340

■ 52.7007, 54.9216,
64.8989

■ 2.6780, 2.7459,
3.7148

■ 71.0927, 74.1559,
86.9555

■ 0.9859, 1.0006,
1.4702

■ 93.3319, 97.4261,
113.5164

■ 0.0000, 0.0000,
0.1956

119.7835,
125.1168, 145.0004

■ 0.0000, 0.0000,
0.0000

150.8130,

157.6122, 181.8259

186.7857,
195.2968, 224.4114

■ 16.9537, 17.5909,
21.5706

■ 16.9537, 17.5909,
21.5706

■ 14.2359, 14.4152,
21.1011

■ 20.0426, 21.1826,
22.1013

■ 11.8737, 11.6382,
20.6896

■ 23.5142, 25.2021,
22.6942

■ 9.8529, 9.2448,
20.3342

■ 27.3816, 29.6639,
23.3516

■ 8.1574, 7.2181,
20.0323

■ 31.6568, 34.5808,
24.0753

■ 6.7702, 5.5399,
19.7815

■ 36.3512, 39.9653,
24.8672

■ 5.6726, 4.1903,
19.5789

■ 41.4759, 45.8292,
25.7289

■ 4.8438, 3.1475,
19.4213

■ 47.0415, 52.1840,
26.6622

■ 4.2602, 2.3872,
19.3053

■ 53.0581, 59.0410,
27.6686

■ 3.8786, 1.8729,
19.2261

■ 59.5358, 66.4107,
28.7497

Harmonies

Analogous

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



16.5168, 17.5909, 21.5950



16.9537, 17.5909, 21.5706



17.3342, 17.5909, 20.8802

Triad

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



16.9537, 17.5909, 21.5706



17.3121, 17.5909, 17.4667



15.9143, 17.5909, 18.5763

Complementary

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



16.9537, 17.5909, 21.5706



18.4896, 19.6885, 19.0456

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.



16.1198, 17.5909, 17.5247



16.9537, 17.5909, 21.5706



16.9241, 17.5909, 16.9033

Square

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



16.9537, 17.5909, 21.5706



17.5436, 17.5909, 18.4939



16.4877, 17.5909, 16.9241



15.9219, 17.5909, 19.8286

Rectangle

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



16.9537, 17.5909, 21.5706



17.5024, 17.5909, 20.1517



16.4877, 17.5909, 16.9241



15.9606, 17.5909, 18.1888

Sweetspot

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



16.9542, 17.5916, 21.5710



32.5841, 34.1568, 38.4322



17.8501, 19.4892, 21.5437



7.6930, 8.0665, 9.0546



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.



16.9542, 17.5916, 21.5710



28.8492, 29.8072, 37.7895



17.3015, 17.6001, 21.5543



3.8303, 3.9589, 5.0054



3.8544, 1.7912, 19.5279



18.0602, 7.8930, 93.0414

Inverse Universe

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



17.5957, 17.8078, 19.0338



30.2656, 30.2895, 32.1861



18.1246, 19.6859, 19.0643



4.0148, 4.0216, 4.2755



8.5289, 4.3877, 0.8099



40.5191, 20.8640, 2.9976

Previews

White Background



This preview shows how the XYZ color 16.9537, 17.5909, 21.5706 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 16.9537, 17.5909, 21.5706 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

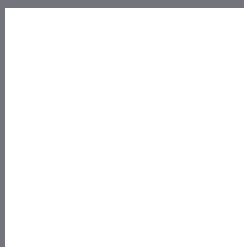
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9537, 17.5909, 21.5706

Background



This preview shows how black text looks on a background with the XYZ color 16.9537, 17.5909, 21.5706.



This preview shows how white text looks on a background with the XYZ color 16.9537, 17.5909,

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

16.9537, 17.5909, 21.5706

Protanopia

17.0859, 17.6590, 21.5768

Deuteranopia

17.9190, 17.5760, 21.8501



Tritanopia

17.0173, 17.6163, 21.9054

Trichromacy



Original Color

16.9537, 17.5909, 21.5706

Protanomaly

17.0859, 17.6590, 21.5768

Deuteranomaly

17.6041, 17.5802, 21.8675

Tritanomaly

17.0173, 17.6163, 21.9054

Monochromacy



Original Color

16.9537, 17.5909, 21.5706

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.9539, 17.7916, 20.3099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9537, 17.5909, 21.5706 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(115, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(115, 116, 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(115, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 116, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.9537, 17.5909, 21.5706 is called "border". The border property can be set on classes, ids or directly on the HTML element.

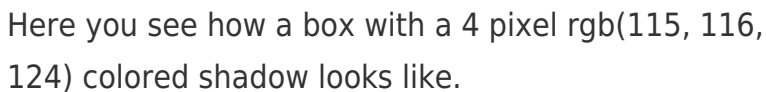
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 116, 124) }
```


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

```
.border{ border-color:rgb(115, 116, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 116, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 116, 124); box-shadow:4px 4px 4px 4px rgb(115, 116, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9537, 17.5909, 21.5706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 116, 124) }
```

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

```
.background{ background-color: rgb(115,  
116, 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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