

Converting Colors

XYZ(17.5064, 18.8492, 20.9994)

Have a look what the booklet for
XYZ(17.5064, 18.8492, 20.9994)
contains.

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Color

**XYZ(17.4205, 18.7247,
21.1084)**

Conversions

Conversions Part 1

Format	Color
Hex	73797A
RGB	115, 121, 122
RGB Percent	45%, 47%, 48%
CMY	0.5490, 0.5255, 0.5216
CMYK	0.06, 0.01, 0.00, 0.52
HSL	189°, 3%, 46%
HSV	189°, 6%, 48%
XYZ	17.4205, 18.7247, 21.1084
YIQ	119.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

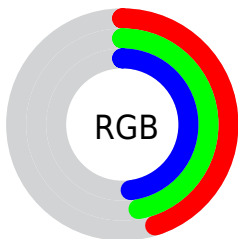
Format	Color
R_{YB}	115, 118, 122
Decimal	7567738
CIE Lab	50.36, -2.03, -1.33
CIE LCh	50, 2.430, 213.234
Yxy	18.7247, 0.3043, 0.3270
Android (android.graphics.Color)	4285757818 (0xFF73797A)
YUV	119.3200, 1.3212, -3.7886
Hunter-Lab	43.2720, -3.8654, 1.3684

Details

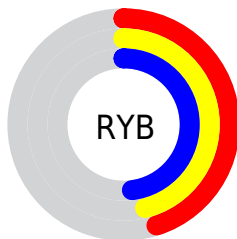
The XYZ color **17.4205, 18.7247, 21.1084** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3661, 17.8662, 18.7534**, and the grayscale version is **17.6333, 18.5516, 20.2026**.

A 20% lighter version of the original color is **38.5199, 41.1586, 45.9586**, and **5.8999, 6.4394, 7.2353** is the 20% darker color. If you saturate the color by 10%, you get **15.7118, 17.5333, 20.9688**, and if you desaturate by 10%, it is **19.3464, 20.0348, 21.2601**.

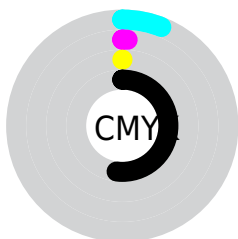
Distribution



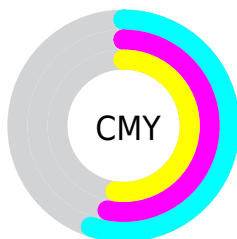
- Red (45%)
- Green (47%)
- Blue (48%)



- Red (45%)
- Yellow (46%)
- Blue (48%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



- Cyan (55%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4205, 18.7247, 21.1084 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 17.4205, 18.7247, 21.1084 by changing the saturation by 10% instead.

■ 17.4205, 18.7247,
21.1084

■ 17.4205, 18.7247,
21.1084

230.6934,
244.9247, 270.6540

■ 10.6319, 11.4715,
13.0112

■ 38.5852, 41.2684,
46.1510

■ 5.8854, 6.3849,
7.3055

■ 53.6921, 57.3277,
63.9335

■ 2.8155, 3.0805,
3.5725

■ 72.3024, 77.0911,
85.7816

■ 1.0570, 1.1739,
1.3939

■ 94.7815, 100.9432,
112.1138

■ 0.0000, 0.0402,
0.1370

121.4948,
129.2681, 143.3485

■ 0.0000, 0.0000,
0.0000

152.8077,

162.4505, 179.9045

189.0854,
200.8745, 222.2001

■ 17.4205, 18.7247,
21.1084

■ 17.4205, 18.7247,
21.1084

■ 15.7118, 17.5333,
20.9688

■ 19.3464, 20.0348,
21.2601

■ 14.2105, 16.4539,
20.8396

■ 21.4958, 21.4653,
21.4229

■ 12.9082, 15.4827,
20.7207

■ 23.8767, 23.0208,
21.5976

■ 11.7954, 14.6148,
20.6119

■ 26.4961, 24.7051,
21.7847

■ 10.8620, 13.8449,
20.5125

■ 29.3609, 26.5216,
21.9843

■ 10.0966, 13.1671,
20.4220

■ 32.4775, 28.4737,
22.1968

■ 9.4866, 12.5749,
20.3398

■ 35.8523, 30.5648,
22.4226

■ 9.0177, 12.0609,
20.2653

■ 39.4913, 32.7979,
22.6618

■ 8.6647, 11.6121,
20.1973

■ 43.4002, 35.1762,
22.9149

Harmonies

Analogous

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



17.3482, 18.7247, 20.4614



17.4205, 18.7247, 21.1084



17.5937, 18.7247, 21.5702

Triad

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



17.4205, 18.7247, 21.1084



18.2054, 18.7247, 20.9787



17.7717, 18.7247, 19.1182

Complementary

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



17.4205, 18.7247, 21.1084



17.3661, 17.8662, 18.7534

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.



18.0024, 18.7247, 19.2498



17.4205, 18.7247, 21.1084



18.2541, 18.7247, 20.3148

Square

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



17.4205, 18.7247, 21.1084



18.0471, 18.7247, 21.4942



18.1794, 18.7247, 19.6842



17.5498, 18.7247, 19.3205

Rectangle

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



17.4205, 18.7247, 21.1084



17.7439, 18.7247, 21.7056



18.1794, 18.7247, 19.6842



17.8508, 18.7247, 19.1248

Sweetspot

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



17.4210, 18.7255, 21.1088



31.8529, 33.7687, 37.2321



17.1787, 18.8236, 19.2310



7.2950, 7.7293, 8.5141



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.4210, 18.7255, 21.1088



30.1949, 32.6306, 37.0998



17.0110, 17.9054, 20.9721



4.1379, 4.4732, 5.0885



8.9698, 12.0221, 21.2330



42.3129, 56.3984, 101.1257

Inverse Universe

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



17.6084, 17.7800, 20.5938



30.6041, 30.5750, 35.9732



17.7694, 18.6728, 18.8878



4.1947, 4.1879, 4.9321



11.1109, 5.4205, 14.4067



52.7607, 25.7606, 67.4613

Previews

White Background



This preview shows how the XYZ color 17.4205, 18.7247, 21.1084 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 17.4205, 18.7247, 21.1084 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

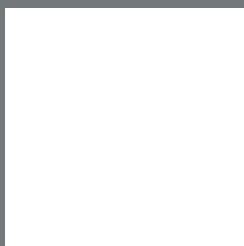
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4205, 18.7247, 21.1084

Background



This preview shows how black text looks on a background with the XYZ color 17.4205, 18.7247, 21.1084.



This preview shows how white text looks on a background with the XYZ color 17.4205, 18.7247,

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

17.4205, 18.7247, 21.1084

Protanopia

17.9332, 18.6391, 20.7417

Deuteranopia

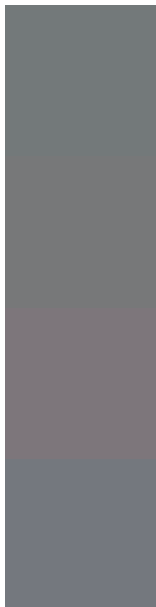
19.0265, 18.6667, 21.3391



Tritanopia

17.8814, 18.7309, 23.4419

Trichromacy



Original Color

17.4205, 18.7247, 21.1084

Protanomaly

17.7754, 18.7354, 20.7686

Deuteranomaly

18.5110, 18.7469, 21.3818

Tritanomaly

17.6848, 18.6523, 22.4068

Monochromacy



Original Color

17.4205, 18.7247, 21.1084

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5778, 18.6406, 20.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4205, 18.7247, 21.1084 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, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 121, 122)  
}
```

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, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 121, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.4205, 18.7247, 21.1084 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, 121, 122) }
```


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

```
.border{ border-color:rgb(115, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(115, 121,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4205, 18.7247, 21.1084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 121, 122) }
```

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

```
.background{ background-color: rgb(115,  
121, 122) }
```

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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