

Converting Colors

XYZ(17.8281, 18.6415, 21.2134)

Have a look what the booklet for
XYZ(17.8281, 18.6415, 21.2134)
contains.

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Color

**XYZ(17.7174, 18.5207,
21.0534)**

Conversions

Conversions Part 1

Format	Color
Hex	77777A
RGB	119, 119, 122
RGB Percent	47%, 47%, 48%
CMY	0.5333, 0.5333, 0.5216
CMYK	0.02, 0.02, 0.00, 0.52
HSL	240°, 1%, 47%
HSV	240°, 2%, 48%
XYZ	17.7174, 18.5207, 21.0534
YIQ	119.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

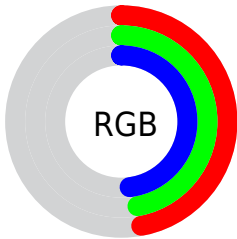
Format	Color
R_{YB}	119, 119, 122
Decimal	7829370
CIE Lab	50.12, 0.61, -1.65
CIE LCh	50, 1.759, 290.431
Yxy	18.5207, 0.3093, 0.3233
Android (android.graphics.Color)	4286019450 (0xFF77777A)
YUV	119.3420, 1.3104, -0.2999
Hunter-Lab	43.0357, -1.8256, 1.1198

Details

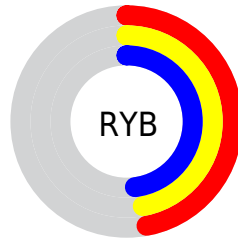
The XYZ color **17.7174, 18.5207, 21.0534** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3154, 19.3883, 20.2300**, and the grayscale version is **17.6396, 18.5582, 20.2099**.

A 20% lighter version of the original color is **38.9975, 40.8397, 45.8719**, and **6.0544, 6.3271, 7.2055** is the 20% darker color. If you saturate the color by 10%, you get **14.7904, 14.9947, 20.5274**, and if you desaturate by 10%, it is **21.0466, 22.5314, 21.6524**.

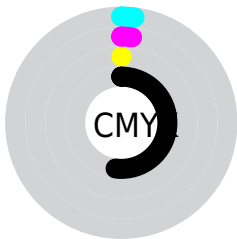
Distribution



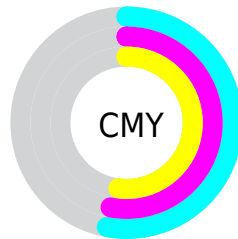
- Red (47%)
- Green (47%)
- Blue (48%)



- Red (47%)
- Yellow (47%)
- Blue (48%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7174, 18.5207, 21.0534 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 17.7174, 18.5207, 21.0534 by changing the saturation by 10% instead.

■ 17.7174, 18.5207,
21.0534

■ 17.7174, 18.5207,
21.0534

232.3498,
243.7898, 270.3525

■ 10.8457, 11.3245,
12.9714

■ 39.0891, 40.9226,
46.0583

■ 6.0297, 6.2855,
7.2784

■ 54.3198, 56.8971,
63.8184

■ 2.9040, 3.0195,
3.5557

■ 73.0676, 76.5664,
85.6415

■ 1.1032, 1.1419,
1.3849

95.6977, 100.3150,
111.9463

■ 0.0278, 0.0135,
0.1299

122.5757,
128.5272, 143.1512

■ 0.0000, 0.0000,
0.0000

154.0668,

161.5875, 179.6749

190.5364,
199.8802, 221.9358

■ 17.7174, 18.5207,
21.0534

■ 17.7174, 18.5207,
21.0534

■ 14.7904, 14.9947,
20.5274

■ 21.0466, 22.5314,
21.6524

■ 12.2489, 11.9328,
20.0703

■ 24.7907, 27.0417,
22.3256

■ 10.0772, 9.3164,
19.6797

■ 28.9638, 32.0688,
23.0760

■ 8.2582, 7.1247,
19.3526

■ 33.5791, 37.6283,
23.9058

■ 6.7732, 5.3354,
19.0855

■ 38.6489, 43.7353,
24.8174

■ 5.6019, 3.9239,
18.8748

■ 44.1853, 50.4042,
25.8128

■ 4.7219, 2.8633,
18.7164

■ 50.1996, 57.6488,
26.8942

■ 4.1076, 2.1228,
18.6059

■ 56.7032, 65.4825,
28.0634

■ 3.7288, 1.6660,
18.5377

■ 63.7066, 73.9183,
29.3226

Harmonies

Analogous

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



17.5492, 18.5207, 21.1005



17.7174, 18.5207, 21.0534



17.8558, 18.5207, 20.7664

Triad

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



17.7174, 18.5207, 21.0534



17.8118, 18.5207, 19.4548



17.2839, 18.5207, 20.0111

Complementary

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



17.7174, 18.5207, 21.0534



18.3154, 19.3883, 20.2300

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.



17.3533, 18.5207, 19.5771



17.7174, 18.5207, 21.0534



17.6576, 18.5207, 19.2593

Square

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



17.7174, 18.5207, 21.0534



17.9106, 18.5207, 19.8418



17.4898, 18.5207, 19.3037



17.2997, 18.5207, 20.4935

Rectangle

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



17.7174, 18.5207, 21.0534



17.9123, 18.5207, 20.4802



17.4898, 18.5207, 19.3037



17.2980, 18.5207, 19.8548

Sweetspot

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



17.7179, 18.5215, 21.0538



31.9671, 33.5437, 37.1826



18.0773, 19.2452, 21.1583



7.3192, 7.6817, 8.5036



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.



17.7179, 18.5215, 21.0538



30.8348, 32.1798, 36.9790



17.9182, 18.6244, 21.0631



4.1880, 4.3640, 5.0648



3.6994, 1.4813, 19.4762



17.6440, 7.0607, 92.9027

Inverse Universe

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



17.9530, 18.6635, 20.1098



31.3496, 32.4906, 34.9123



18.1118, 19.2838, 20.2206



4.2711, 4.4142, 4.7312



8.4506, 4.3564, 0.3980



40.3090, 20.7800, 1.8915

Previews

White Background



This preview shows how the XYZ color 17.7174, 18.5207, 21.0534 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 17.7174, 18.5207, 21.0534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

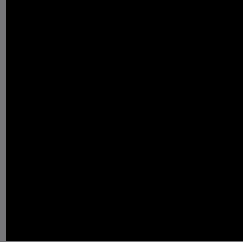
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7174, 18.5207, 21.0534

Background



This preview shows how black text looks on a background with the XYZ color 17.7174, 18.5207, 21.0534.



This preview shows how white text looks on a background with the XYZ color 17.7174, 18.5207,

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

17.7174, 18.5207, 21.0534

Protanopia

17.9948, 18.6637, 21.0664

Deuteranopia

18.8738, 18.5880, 21.3320



Tritanopia

18.0549, 18.4822, 22.6945

Trichromacy

**Original Color**

17.7174, 18.5207, 21.0534

Protanomaly

17.8554, 18.5919, 21.0599

Deuteranomaly

18.3939, 18.5126, 21.3427

Tritanomaly

17.9258, 18.4306, 22.0147

Monochromacy

**Original Color**

17.7174, 18.5207, 21.0534

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5947, 18.4717, 20.4073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7174, 18.5207, 21.0534 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(119, 119, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 119, 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(119, 119, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 119, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.7174, 18.5207, 21.0534 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(119, 119, 122) }
```


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

```
.border{ border-color:rgb(119, 119, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 119, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 119, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 119, 122);  
box-shadow:4px 4px 4px 4px rgb(119, 119,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7174, 18.5207, 21.0534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 119, 122) }
```

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

```
.background{ background-color: rgb(119,  
119, 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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