

Converting Colors

XYZ(17.2607, 18.4571, 21.7215)

Have a look what the booklet for
XYZ(17.2607, 18.4571, 21.7215)
contains.

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Color

**XYZ(17.2940, 18.4656,
21.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	72787C
RGB	114, 120, 124
RGB Percent	45%, 47%, 49%
CMY	0.5529, 0.5294, 0.5137
CMYK	0.08, 0.03, 0.00, 0.51
HSL	204°, 4%, 47%
HSV	204°, 8%, 49%
XYZ	17.2940, 18.4656, 21.7215
YIQ	118.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

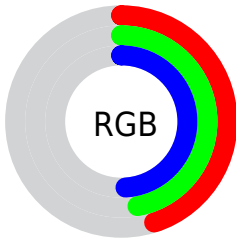
Format	Color
RYB	114, 118, 124
Decimal	7501948
CIELab	50.06, -1.40, -2.97
CIELCh	50, 3.284, 244.833
Yxy	18.4656, 0.3009, 0.3212
Android (android.graphics.Color)	4285692028 (0xFF72787C)
YUV	118.6620, 2.6316, -4.0886
Hunter-Lab	42.9716, -3.3627, 0.1099

Details

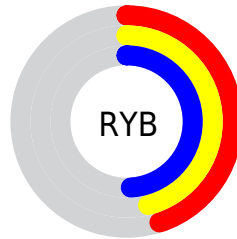
The XYZ color **17.2940, 18.4656, 21.7215** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8279, 18.4567, 18.5428**, and the grayscale version is **17.4214, 18.3286, 19.9599**.

A 20% lighter version of the original color is **38.3149, 40.7466, 46.9198**, and **5.8341, 6.3010, 7.5653** is the 20% darker color. If you saturate the color by 10%, you get **15.2084, 16.5286, 21.4578**, and if you desaturate by 10%, it is **19.6302, 20.5787, 22.0065**.

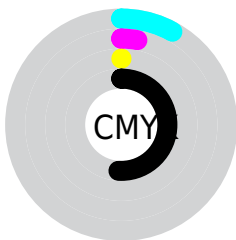
Distribution



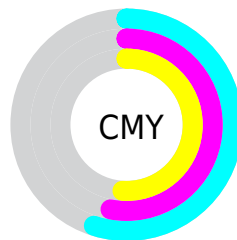
- Red (45%)
- Green (47%)
- Blue (49%)



- Red (45%)
- Yellow (46%)
- Blue (49%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2940, 18.4656, 21.7215 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 17.2940, 18.4656, 21.7215 by changing the saturation by 10% instead.

■ 17.2940, 18.4656,
21.7215

■ 17.2940, 18.4656,
21.7215

229.9843,
243.4825, 273.9943

■ 10.5409, 11.2848,
13.4560

■ 38.3702, 40.8291,
47.1815

■ 5.8241, 6.2587,
7.6089

■ 53.4240, 56.7806,
65.2132

■ 2.7780, 3.0030,
3.7616

■ 71.9754, 76.4244,
87.3374

■ 1.0375, 1.1333,
1.4955

■ 94.3898, 100.1450,
113.9725

■ 0.0000, 0.0062,
0.2146

121.0325,
128.3267, 145.5373

■ 0.0000, 0.0000,
0.0000

152.2690,

161.3539, 182.4501

188.4644,
199.6110, 225.1296

■ 17.2940, 18.4656,
21.7215

■ 17.2940, 18.4656,
21.7215

■ 15.2084, 16.5286,
21.4578

■ 19.6302, 20.5787,
22.0065

■ 13.3627, 14.7599,
21.2137

■ 22.2242, 22.8706,
22.3122

■ 11.7475, 13.1545,
20.9890

■ 25.0847, 25.3471,
22.6394

■ 10.3524, 11.7062,
20.7830

■ 28.2196, 28.0129,
22.9888

■ 9.1660, 10.4086,
20.5950

■ 31.6364, 30.8724,
23.3606

8.1757, 9.2543,
20.4244

35.3425, 33.9302,
23.7555

7.3676, 8.2353,
20.2703

39.3447, 37.1902,
24.1738

6.7257, 7.3427,
20.1319

43.6498, 40.6567,
24.6160

6.2104, 6.5553,
20.0070

48.2643, 44.3335,
25.0825

Harmonies

Analogous

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



17.0572, 18.4656, 21.1158



17.2940, 18.4656, 21.7215



17.6022, 18.4656, 21.8893

Triad

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



17.2940, 18.4656, 21.7215



18.1631, 18.4656, 19.9597



17.2064, 18.4656, 18.7118

Complementary

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



17.2940, 18.4656, 21.7215



17.8279, 18.4567, 18.5428

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.



17.4999, 18.4656, 18.4221



17.2940, 18.4656, 21.7215



18.0542, 18.4656, 19.1287

Square

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



17.2940, 18.4656, 21.7215



18.1064, 18.4656, 20.8547



17.8105, 18.4656, 18.5725



17.0071, 18.4656, 19.3753

Rectangle

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



17.2940, 18.4656, 21.7215



17.8073, 18.4656, 21.7260



17.8105, 18.4656, 18.5725



17.2972, 18.4656, 18.5684

Sweetspot

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



17.2945, 18.4664, 21.7219



32.8533, 34.6952, 38.5219



17.4075, 19.2971, 19.8952



7.7519, 8.1843, 9.0742



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.



17.2945, 18.4664, 21.7219



29.5994, 31.7293, 38.1209



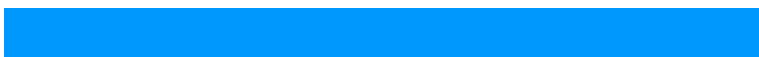
16.7276, 17.3325, 21.5329



3.9789, 4.2562, 5.0550



6.2142, 6.5108, 20.3145



28.7926, 29.3579, 96.6189

Inverse Universe

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



17.7201, 17.6762, 20.2481



30.5413, 30.0056, 34.8531



18.4120, 19.6249, 18.7375



4.0898, 4.0517, 4.6707



9.7200, 4.8641, 7.0823



45.9363, 23.0309, 31.5244

Previews

White Background



This preview shows how the XYZ color 17.2940, 18.4656, 21.7215 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 17.2940, 18.4656, 21.7215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

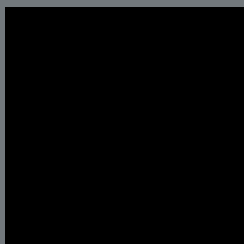
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

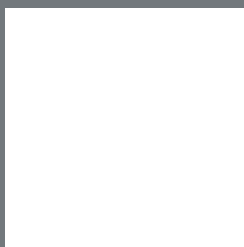
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2940, 18.4656, 21.7215

Background



This preview shows how black text looks on a background with the XYZ color 17.2940, 18.4656, 21.7215.



This preview shows how white text looks on a background with the XYZ color 17.2940, 18.4656,

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

17.2940, 18.4656, 21.7215

Protanopia

17.7993, 18.3800, 21.3485

Deuteranopia

18.7345, 18.3313, 21.9529



Tritanopia

17.6295, 18.4235, 23.3958

Trichromacy

**Original Color**

17.2940, 18.4656, 21.7215

Protanomaly

17.6432, 18.4753, 21.3751

Deuteranomaly

18.2313, 18.4142, 21.9954

Tritanomaly

17.4978, 18.3708, 22.7024

Monochromacy

**Original Color**

17.2940, 18.4656, 21.7215

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.3841, 18.3560, 20.7160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2940, 18.4656, 21.7215 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(114, 120, 124)` looks like.

```
.text, #text, p{  
    color:rgb(114, 120, 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(114, 120, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 120, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.2940, 18.4656, 21.7215 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(114, 120, 124) }
```


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

```
.border{ border-color:rgb(114, 120, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 120, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 120, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 120, 124);  
box-shadow:4px 4px 4px 4px rgb(114, 120,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2940, 18.4656, 21.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 120, 124) }
```

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

```
.background{ background-color: rgb(114,  
120, 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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