

Converting Colors

XYZ(17.2022, 18.6547, 18.0082)

Have a look what the booklet for
XYZ(17.2022, 18.6547, 18.0082)
contains.

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Color

**XYZ(17.2332, 18.6961,
18.0297)**

Conversions

Conversions Part 1

Format	Color
Hex	767970
RGB	118, 121, 112
RGB Percent	46%, 47%, 44%
CMY	0.5373, 0.5255, 0.5608
CMYK	0.02, 0.00, 0.07, 0.53
HSL	80°, 4%, 46%
HSV	80°, 7%, 47%
XYZ	17.2332, 18.6961, 18.0297
YIQ	119.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

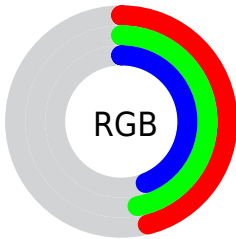
Format	Color
R_{YB}	112, 121, 115
Decimal	7764336
CIE _{Lab}	50.33, -2.91, 4.54
CIE _{LCh}	50, 5.388, 122.674
Yxy	18.6961, 0.3194, 0.3465
Android (android.graphics.Color)	4285954416 (0xFF767970)
YUV	119.0770, -3.4890, -0.9445
Hunter-Lab	43.2390, -4.5258, 5.5447

Details

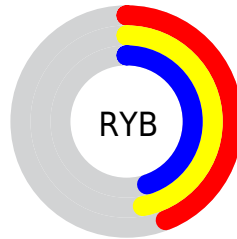
The XYZ color **17.2332, 18.6961, 18.0297** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3163, 16.6142, 20.4370**, and the grayscale version is **17.5698, 18.4848, 20.1299**.

A 20% lighter version of the original color is **38.2220, 41.1135, 41.0431**, and **5.8337, 6.4373, 5.7855** is the 20% darker color. If you saturate the color by 10%, you get **16.0681, 18.1687, 14.6915**, and if you desaturate by 10%, it is **18.5134, 19.2735, 21.8468**.

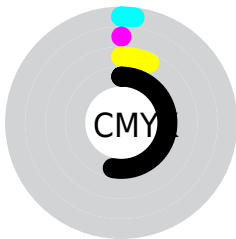
Distribution



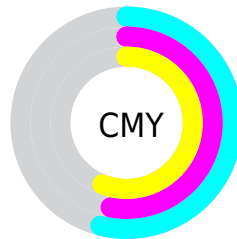
- Red (46%)
- Green (47%)
- Blue (44%)



- Red (44%)
- Yellow (47%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2332, 18.6961, 18.0297 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 17.2332, 18.6961, 18.0297 by changing the saturation by 10% instead.

■ 17.2332, 18.6961,
18.0297

■ 17.2332, 18.6961,
18.0297

229.6428,
244.7659, 253.2801

■ 10.4972, 11.4509,
10.8016

■ 38.2667, 41.2199,
40.9025

■ 5.7946, 6.3710,
5.8211

■ 53.2950, 57.2674,
57.3844

■ 2.7601, 3.0719,
2.6696

■ 71.8180, 77.0177,
77.7880

■ 1.0282, 1.1694,
0.9281

■ 94.2012, 100.8552,
102.5318

■ 0.0000, 0.0365,
0.0000

120.8100,
129.1644, 132.0344

■ 0.0000, 0.0000,
0.0000

152.0096,

162.3297, 166.7143

188.1654,
200.7354, 206.9900

■ 17.2332, 18.6961,
18.0297

■ 17.2332, 18.6961,
18.0297

■ 16.0681, 18.1687,
14.6915

■ 18.5134, 19.2735,
21.8468

■ 15.0126, 17.6872,
11.8120

■ 19.9108, 19.8998,
26.1594

■ 14.0631, 17.2508,
9.3715

■ 21.4293, 20.5774,
30.9848

■ 13.2153, 16.8576,
7.3483

■ 23.0724, 21.3077,
36.3392

■ 12.4643, 16.5057,
5.7190

■ 24.8432, 22.0918,
42.2380

■ 11.8049, 16.1930,
4.4577

■ 26.7448, 22.9312,
48.6960

■ 11.2314, 15.9172,
3.5355

■ 28.7802, 23.8269,
55.7273

■ 10.7371, 15.6755,
2.9192

■ 30.9522, 24.7802,
63.3457

■ 10.3067, 15.4618,
2.5302

■ 33.2635, 25.7923,
71.5646

Harmonies

Analogous

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



17.7232, 18.6961, 17.6159



17.2332, 18.6961, 18.0297



16.8924, 18.6961, 19.0644

Triad

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



17.2332, 18.6961, 18.0297



17.3129, 18.6961, 23.0216



18.7927, 18.6961, 20.2229

Complementary

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



17.2332, 18.6961, 18.0297



16.3163, 16.6142, 20.4370

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.



18.6777, 18.6961, 21.7065



17.2332, 18.6961, 18.0297



17.8170, 18.6961, 23.3684

Square

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



17.2332, 18.6961, 18.0297



16.9377, 18.6961, 21.9501



18.3180, 18.6961, 22.8762



18.6292, 18.6961, 18.8427

Rectangle

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



17.2332, 18.6961, 18.0297



16.7921, 18.6961, 19.9922



18.3180, 18.6961, 22.8762



18.7853, 18.6961, 20.7260

Sweetspot

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



17.2337, 18.6969, 18.0301



32.0686, 34.0250, 35.8603



16.9412, 17.4969, 17.8139



7.3407, 7.7835, 8.2238



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.



17.2337, 18.6969, 18.0301



30.4720, 33.3044, 31.1562



16.6372, 18.3894, 18.0022



4.1840, 4.5702, 4.2861



10.9192, 16.5063, 2.6105



51.1550, 78.2568, 12.4089

Inverse Universe

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



16.3163, 16.6142, 20.4370



28.4585, 28.7331, 36.4390



16.9226, 16.9267, 20.4653



3.9119, 3.9525, 4.9999



4.6399, 1.9647, 19.5200



21.3156, 8.9506, 93.0740

Previews

White Background



This preview shows how the XYZ color 17.2332, 18.6961, 18.0297 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 17.2332, 18.6961, 18.0297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

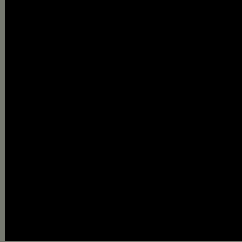
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2332, 18.6961, 18.0297

Background



This preview shows how black text looks on a background with the XYZ color 17.2332, 18.6961, 18.0297.



This preview shows how white text looks on a background with the XYZ color 17.2332, 18.6961,

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

17.2332, 18.6961, 18.0297

Protanopia

17.7782, 18.6264, 17.6972

Deuteranopia

19.0575, 18.7514, 18.2377



Tritanopia

18.2388, 18.7452, 23.0790

Trichromacy



Original Color

17.2332, 18.6961, 18.0297

Protanomaly

17.6118, 18.7182, 17.7237

Deuteranomaly

18.3612, 18.7383, 18.2719

Tritanomaly

17.8371, 18.7600, 21.0933

Monochromacy



Original Color

17.2332, 18.6961, 18.0297

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4766, 18.6158, 19.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2332, 18.6961, 18.0297 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(118, 121, 112)` looks like.

```
.text, #text, p{  
    color:rgb(118, 121, 112)  
}
```

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(118, 121, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 121, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.2332, 18.6961, 18.0297 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(118, 121, 112) }
```


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

```
.border{ border-color:rgb(118, 121, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 121, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 121, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 121, 112);  
box-shadow:4px 4px 4px 4px rgb(118, 121,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2332, 18.6961, 18.0297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 121, 112) }
```

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

```
.background{ background-color: rgb(118,  
121, 112) }
```

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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