

Converting Colors

XYZ(16.5767, 17.3978, 17.2002)

Have a look what the booklet for
XYZ(16.5767, 17.3978, 17.2002)
contains.

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Color

**XYZ(16.5530, 17.3092,
17.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	77736E
RGB	119, 115, 110
RGB Percent	47%, 45%, 43%
CMY	0.5333, 0.5490, 0.5686
CMYK	0.00, 0.03, 0.08, 0.53
HSL	33°, 4%, 45%
HSV	33°, 8%, 47%
XYZ	16.5530, 17.3092, 17.2204
YIQ	115.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

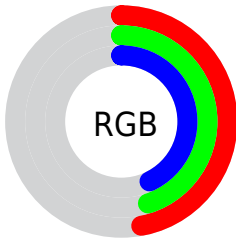
Format	Color
R_{YB}	117, 119, 110
Decimal	7828334
CIE Lab	48.65, 0.57, 3.30
CIE LCh	49, 3.352, 80.213
Yxy	17.3092, 0.3240, 0.3388
Android (android.graphics.Color)	4286018414 (0xFF77736E)
YUV	115.6260, -2.7736, 2.9590
Hunter-Lab	41.6043, -1.7883, 4.5824

Details

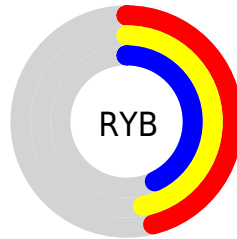
The XYZ color **16.5530, 17.3092, 17.2204** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7775, 16.6814, 19.8414**, and the grayscale version is **16.4938, 17.3528, 18.8972**.

A 20% lighter version of the original color is **37.1349, 38.9040, 39.7344**, and **5.5029, 5.7128, 5.5153** is the 20% darker color. If you saturate the color by 10%, you get **15.3627, 15.8966, 13.8389**, and if you desaturate by 10%, it is **17.8659, 18.8273, 21.0726**.

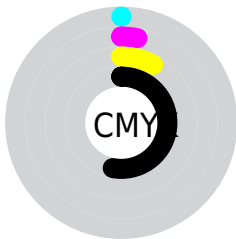
Distribution



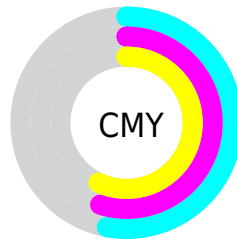
- Red (47%)
- Green (45%)
- Blue (43%)



- Red (46%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5530, 17.3092, 17.2204 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 16.5530, 17.3092, 17.2204 by changing the saturation by 10% instead.

■ 16.5530, 17.3092,
17.2204

■ 16.5530, 17.3092,
17.2204

225.7899,
236.9480, 248.5261

■ 10.0096, 10.4552,
10.2281

■ 37.1054, 38.8566,
39.5002

■ 5.4677, 5.7018,
5.4429

■ 51.8451, 54.3189,
55.6247

■ 2.5617, 2.6646,
2.4462

■ 70.0476, 73.4193,
75.6305

■ 0.9265, 0.9593,
0.8114

■ 92.0783, 96.5422,
99.9360

■ 0.0000, 0.0000,
0.0000

118.3025,
124.0722, 128.9598

149.0856,

156.3936, 163.1204

184.7930,
193.8907, 202.8363

■ 16.5530, 17.3092,
17.2204

■ 16.5530, 17.3092,
17.2204

■ 15.3627, 15.8966,
13.8389

■ 17.8659, 18.8273,
21.0726

■ 14.2894, 14.5846,
10.9085

■ 19.3038, 20.4511,
25.4116

■ 13.3296, 13.3715,
8.4102

■ 20.8707, 22.1836,
30.2542

■ 12.4785, 12.2543,
6.3229

■ 22.5702, 24.0270,
35.6162

■ 11.7313, 11.2303,
4.6239

■ 24.4056, 25.9836,
41.5124

■ 11.0826, 10.2961,
3.2881

■ 26.3800, 28.0555,
47.9572

■ 10.5266, 9.4483,
2.2877

■ 28.4966, 30.2446,
54.9645

■ 10.0564, 8.6833,
1.5905

■ 30.7584, 32.5530,
62.5475

■ 9.6564, 7.9935,
1.1172

■ 33.1683, 34.9825,
70.7192

Harmonies

Analogous

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



16.8347, 17.3092, 17.5702



16.5530, 17.3092, 17.2204



16.2476, 17.3092, 17.2958

Triad

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



16.5530, 17.3092, 17.2204



15.9010, 17.3092, 19.4404



16.9123, 17.3092, 19.9559

Complementary

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



16.5530, 17.3092, 17.2204



15.7775, 16.6814, 19.8414

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.



16.6579, 17.3092, 20.4878



16.5530, 17.3092, 17.2204



16.0749, 17.3092, 20.1837

Square

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



16.5530, 17.3092, 17.2204



15.8737, 17.3092, 18.5592



16.3512, 17.3092, 20.5725



17.0439, 17.3092, 19.1373

Rectangle

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



16.5530, 17.3092, 17.2204



16.0715, 17.3092, 17.5779



16.3512, 17.3092, 20.5725



16.8382, 17.3092, 20.1752

Sweetspot

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



16.5535, 17.3100, 17.2208



30.9103, 32.4712, 34.5331



16.2241, 16.2901, 18.2240



7.3339, 7.7052, 8.2090



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.



16.5535, 17.3100, 17.2208



29.2721, 30.5624, 29.7709



16.9577, 18.2100, 17.3732



3.8370, 4.0069, 3.9135



10.1515, 8.3043, 1.0678



48.6049, 38.7383, 4.9155

Inverse Universe

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



15.7775, 16.6814, 19.8414



27.5948, 29.2037, 35.4356



15.3925, 15.8280, 19.6969



3.6221, 3.8328, 4.6391



4.8743, 4.0883, 19.0748



22.9254, 18.2674, 92.6779

Previews

White Background



This preview shows how the XYZ color 16.5530, 17.3092, 17.2204 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 16.5530, 17.3092, 17.2204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

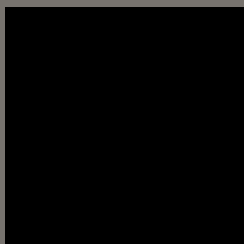
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

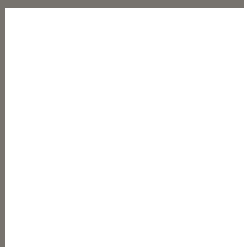
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5530, 17.3092, 17.2204

Background



This preview shows how black text looks on a background with the XYZ color 16.5530, 17.3092, 17.2204.

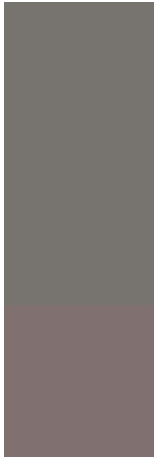


This preview shows how white text looks on a background with the XYZ color 16.5530, 17.3092,

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

16.5530, 17.3092, 17.2204

Protanopia

16.5530, 17.3092, 17.2204

Deuteranopia

17.5655, 17.3252, 17.4572



Tritanopia

17.3031, 17.2803, 20.8358

Trichromacy



Original Color

16.5530, 17.3092, 17.2204

Protanomaly

16.5530, 17.3092, 17.2204

Deuteranomaly

17.2318, 17.3179, 17.4734

Tritanomaly

17.0331, 17.3357, 19.5879

Monochromacy



Original Color

16.5530, 17.3092, 17.2204

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6188, 17.4876, 18.4191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5530, 17.3092, 17.2204 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, 115, 110)` looks like.

```
.text, #text, p{  
    color:rgb(119, 115, 110)  
}
```

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, 115, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 115, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.5530, 17.3092, 17.2204 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, 115, 110) }
```


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

```
.border{ border-color:rgb(119, 115, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 115, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 115, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 115, 110);  
box-shadow:4px 4px 4px 4px rgb(119, 115,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5530, 17.3092, 17.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 115, 110) }
```

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

```
.background{ background-color: rgb(119,  
115, 110) }
```

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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