

Converting Colors

XYZ(15.0052, 16.2634, 18.8834)

Have a look what the booklet for
XYZ(15.0052, 16.2634, 18.8834)
contains.

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Color

**XYZ(14.9954, 16.2988,
18.8786)**

Conversions

Conversions Part 1

Format	Color
Hex	697274
RGB	105, 114, 116
RGB Percent	41%, 45%, 45%
CMY	0.5882, 0.5529, 0.5451
CMYK	0.09, 0.02, 0.00, 0.55
HSL	191°, 5%, 43%
HSV	191°, 9%, 45%
XYZ	14.9954, 16.2988, 18.8786
YIQ	111.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

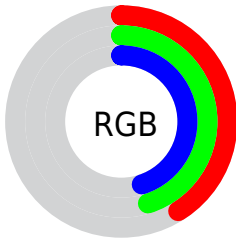
Format	Color
R_{YB}	105, 110, 116
Decimal	6910580
CIE _{Lab}	47.36, -2.95, -2.28
CIE _{LCh}	47, 3.723, 217.666
Yxy	16.2988, 0.2989, 0.3249
Android (android.graphics.Color)	4285100660 (0xFF697274)
YUV	111.5370, 2.2003, -5.7329
Hunter-Lab	40.3718, -4.3498, 0.5351

Details

The XYZ color **14.9954, 16.2988, 18.8786** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0101, 15.2483, 15.5171**, and the grayscale version is **15.2610, 16.0558, 17.4848**.

A 20% lighter version of the original color is **34.4144, 37.1675, 42.4060**, and **4.7365, 5.2133, 6.2255** is the 20% darker color. If you saturate the color by 10%, you get **13.4899, 15.1743, 18.7412**, and if you desaturate by 10%, it is **16.6932, 17.5314, 19.0273**.

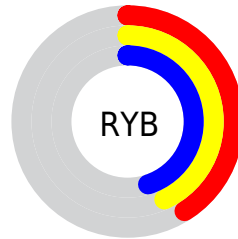
Distribution



Red (41%)

Green (45%)

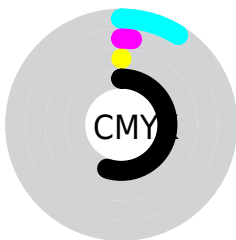
Blue (45%)



Red (41%)

Yellow (43%)

Blue (45%)

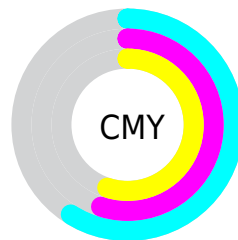


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9954, 16.2988, 18.8786 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 14.9954, 16.2988, 18.8786 by changing the saturation by 10% instead.

■ 14.9954, 16.2988,
18.8786

■ 14.9954, 16.2988,
18.8786

216.7273,
231.0985, 258.1781

■ 8.9025, 9.7358,
11.4067

■ 34.4168, 37.1162,
42.3628

■ 4.7342, 5.2242,
6.2235

■ 48.4760, 52.1394,
59.2122

■ 2.1253, 2.3794,
2.9105

■ 65.9213, 70.7514,
80.0245

■ 0.7029, 0.8153,
1.0491

■ 87.1182, 93.3367,
105.2182

■ 0.0000, 0.0000,
0.0000

112.4318,
120.2797, 135.2118

142.2276,

151.9647, 170.4240

176.8710,
188.7762, 211.2733

■ 14.9954, 16.2988,
18.8786

■ 14.9954, 16.2988,
18.8786

■ 13.4899, 15.1743,
18.7412

■ 16.6932, 17.5314,
19.0273

■ 12.1679, 14.1520,
18.6135

■ 18.5889, 18.8739,
19.1865

■ 11.0216, 13.2283,
18.4956

■ 20.6898, 20.3304,
19.3569

■ 10.0426, 12.3989,
18.3871

■ 23.0023, 21.9042,
19.5388

■ 9.2214, 11.6587,
18.2875

■ 25.5325, 23.5986,
19.7325

■ 8.5478, 11.0024,
18.1964

■ 28.2862, 25.4166,
19.9383

■ 8.0100, 10.4240,
18.1131

■ 31.2691, 27.3612,
20.1564

■ 7.5948, 9.9165,
18.0370

■ 34.4867, 29.4353,
20.3871

■ 7.2554, 9.4557,
17.9659

■ 37.9441, 31.6416,
20.6308

Harmonies

Analogous

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



14.8721, 16.2988, 17.9898



14.9954, 16.2988, 18.8786



15.2520, 16.2988, 19.4784

Triad

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



14.9954, 16.2988, 18.8786



16.0850, 16.2988, 18.4451



15.4072, 16.2988, 16.0084

Complementary

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



14.9954, 16.2988, 18.8786



15.0101, 15.2483, 15.5171

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.



15.7335, 16.2988, 16.1206



14.9954, 16.2988, 18.8786



16.1279, 16.2988, 17.5057

Square

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



14.9954, 16.2988, 18.8786



15.8819, 16.2988, 19.2220



15.9985, 16.2988, 16.6608



15.1076, 16.2988, 16.3487

Rectangle

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



14.9954, 16.2988, 18.8786



15.4657, 16.2988, 19.6220



15.9985, 16.2988, 16.6608



15.5173, 16.2988, 15.9947

Sweetspot

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



14.9959, 16.2995, 18.8790



28.2315, 30.0165, 33.3503



14.7165, 16.5523, 16.2836



6.6837, 7.1237, 7.9517



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.9959, 16.2995, 18.8790



25.8598, 28.2823, 33.1406



14.4115, 15.1308, 18.6842



3.7295, 4.0476, 4.6749



8.1106, 10.5608, 20.1535



38.9516, 50.3198, 98.0200

Inverse Universe

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



15.2917, 15.0314, 18.0157



26.4733, 25.6700, 31.3461



15.5835, 16.3952, 15.7082



3.7995, 3.7471, 4.4708



10.3910, 5.0901, 12.5329



50.3477, 24.6892, 59.5537

Previews

White Background



This preview shows how the XYZ color 14.9954, 16.2988, 18.8786 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 14.9954, 16.2988, 18.8786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

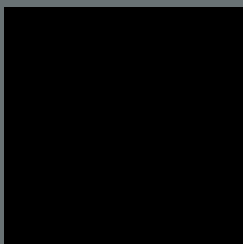
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

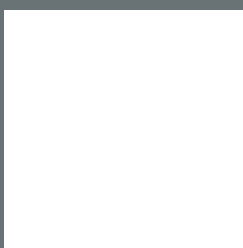
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9954, 16.2988, 18.8786

Background



This preview shows how black text looks on a background with the XYZ color 14.9954, 16.2988, 18.8786.



This preview shows how white text looks on a background with the XYZ color 14.9954, 16.2988,

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

14.9954, 16.2988, 18.8786

Protanopia

15.6987, 16.3369, 18.5456

Deuteranopia

16.5647, 16.2866, 19.1002



Tritanopia

15.3618, 16.2796, 20.7450

Trichromacy



Original Color

14.9954, 16.2988, 18.8786

Protanomaly

15.4300, 16.3631, 18.5648

Deuteranomaly

15.9656, 16.2981, 19.1340

Tritanomaly

15.2392, 16.2305, 20.0989

Monochromacy



Original Color

14.9954, 16.2988, 18.8786

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1924, 16.2537, 17.9593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9954, 16.2988, 18.8786 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(105, 114, 116)` looks like.

```
.text, #text, p{  
    color:rgb(105, 114, 116)  
}
```

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(105, 114, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 114, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.9954, 16.2988, 18.8786 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(105, 114, 116) }
```


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

```
.border{ border-color:rgb(105, 114, 116) }
```

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

Here you see how a box with a 4 pixel rgb(105, 114, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 114, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 114, 116);  
box-shadow:4px 4px 4px 4px rgb(105, 114,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9954, 16.2988, 18.8786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 114, 116) }
```

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

```
.background{ background-color: rgb(105,  
114, 116) }
```

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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