

Converting Colors

XYZ(14.7203, 15.8825, 17.6322)

Have a look what the booklet for
XYZ(14.7203, 15.8825, 17.6322)
contains.

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Color

**XYZ(14.6627, 15.8224,
17.6105)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7070
RGB	106, 112, 112
RGB Percent	42%, 44%, 44%
CMY	0.5843, 0.5608, 0.5608
CMYK	0.05, 0.00, 0.00, 0.56
HSL	180°, 3%, 43%
HSV	180°, 5%, 44%
XYZ	14.6627, 15.8224, 17.6105
YIQ	110.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

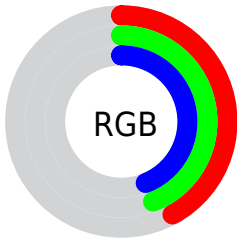
Format	Color
R_{YB}	106, 109, 112
Decimal	6975600
CIE _{Lab}	46.74, -2.27, -0.79
CIE _{LCh}	47, 2.408, 199.276
Yxy	15.8224, 0.3049, 0.3290
Android (android.graphics.Color)	4285165680 (0xFF6A7070)
YUV	110.2060, 0.8844, -3.6887
Hunter-Lab	39.7774, -3.8119, 1.5949

Details

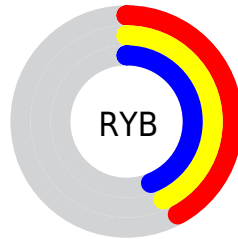
The XYZ color **14.6627, 15.8224, 17.6105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4383, 14.7939, 15.7310**, and the grayscale version is **14.8788, 15.6537, 17.0469**.

A 20% lighter version of the original color is **33.8809, 36.3994, 40.3620**, and **4.5624, 4.9668, 5.5687** is the 20% darker color. If you saturate the color by 10%, you get **13.4176, 15.1810, 17.5516**, and if you desaturate by 10%, it is **16.0826, 16.5548, 17.6783**.

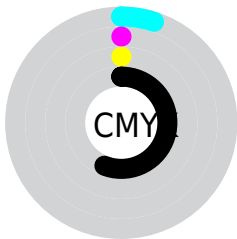
Distribution



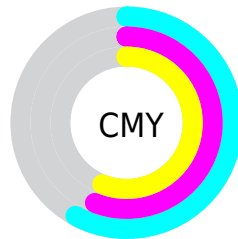
- Red (42%)
- Green (44%)
- Blue (44%)



- Red (42%)
- Yellow (43%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6627, 15.8224, 17.6105 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 14.6627, 15.8224, 17.6105 by changing the saturation by 10% instead.

■ 14.6627, 15.8224,
17.6105

■ 14.6627, 15.8224,
17.6105

214.7446,
228.2914, 250.8283

■ 8.6678, 9.3986,
10.5042

■ 33.8369, 36.2896,
40.1774

■ 4.5805, 5.0021,
5.6245

■ 47.7469, 51.1018,
56.4751

■ 2.0355, 2.2485,
2.5531

■ 65.0259, 69.4788,
76.6737

■ 0.6538, 0.7462,
0.8681

■ 86.0394, 91.8052,
101.1916

■ 0.0000, 0.0000,
0.0000

111.1526,
118.4652, 130.4475

140.7310,

149.8434, 164.8599

175.1399,
186.3240, 204.8473

■ 14.6627, 15.8224,
17.6105

■ 14.6627, 15.8224,
17.6105

■ 13.4176, 15.1810,
17.5516

■ 16.0826, 16.5548,
17.6783

■ 12.3393, 14.6251,
17.5001

■ 17.6822, 17.3794,
17.7541

■ 11.4210, 14.1518,
17.4562

■ 19.4680, 18.3000,
17.8387

■ 10.6552, 13.7570,
17.4193

■ 21.4457, 19.3195,
17.9322

■ 10.0336, 13.4366,
17.3892

■ 23.6209, 20.4409,
18.0350

■ 9.5472, 13.1858,
17.3655

■ 25.9988, 21.6667,
18.1473

■ 9.1858, 12.9996,
17.3476

■ 28.5844, 22.9996,
18.2693

■ 8.9382, 12.8719,
17.3350

■ 31.3826, 24.4421,
18.4012

■ 8.7825, 12.7917,
17.3267

■ 34.3982, 25.9966,
18.5433

Harmonies

Analogous

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



14.6475, 15.8224, 17.0147



14.6627, 15.8224, 17.6105



14.7782, 15.8224, 18.1146

Triad

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



14.6627, 15.8224, 17.6105



15.3452, 15.8224, 17.9894



15.1136, 15.8224, 16.1221

Complementary

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



14.6627, 15.8224, 17.6105



14.4383, 14.7939, 15.7310

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.



15.3023, 15.8224, 16.3706



14.6627, 15.8224, 17.6105



15.4369, 15.8224, 17.4429

Square

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



14.6627, 15.8224, 17.6105



15.1717, 15.8224, 18.3369



15.4211, 15.8224, 16.8509



14.9065, 15.8224, 16.1646

Rectangle

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



14.6627, 15.8224, 17.6105



14.8970, 15.8224, 18.3265



15.4211, 15.8224, 16.8509



15.1813, 15.8224, 16.1741

Sweetspot

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



14.6632, 15.8231, 17.6108



26.5483, 28.2031, 30.9739



14.3519, 15.7000, 15.9099



6.3875, 6.7805, 7.4418



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.6632, 15.8231, 17.6108



25.5724, 27.7001, 30.9275



14.3483, 15.1932, 17.5064



3.5603, 3.8592, 4.3113



10.0773, 14.7484, 20.0257



50.1989, 73.4682, 99.7533

Inverse Universe

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



14.4383, 14.7939, 15.7310



25.1208, 25.6332, 27.1523



14.7422, 15.4019, 15.8318



3.4960, 3.5646, 3.7732



7.7251, 3.9824, 0.3626



38.4817, 19.8380, 1.8031

Previews

White Background



This preview shows how the XYZ color 14.6627, 15.8224, 17.6105 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 14.6627, 15.8224, 17.6105 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

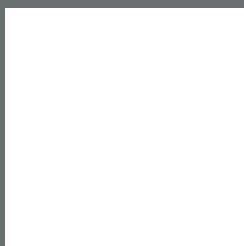
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6627, 15.8224, 17.6105

Background



This preview shows how black text looks on a background with the XYZ color 14.6627, 15.8224, 17.6105.



This preview shows how white text looks on a background with the XYZ color 14.6627, 15.8224,

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

14.6627, 15.8224, 17.6105

Protanopia

15.1273, 15.7443, 17.2806

Deuteranopia

15.9841, 15.7007, 17.8109



Tritanopia

15.1380, 15.8507, 20.0309

Trichromacy



Original Color

14.6627, 15.8224, 17.6105

Protanomaly

14.9841, 15.8316, 17.3050

Deuteranomaly

15.5195, 15.7744, 17.8496

Tritanomaly

14.9587, 15.7790, 19.0869

Monochromacy



Original Color

14.6627, 15.8224, 17.6105

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8604, 15.7678, 17.2992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6627, 15.8224, 17.6105 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(106, 112, 112) looks like.

```
.text, #text, p{  
    color:rgb(106, 112, 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(106, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.6627, 15.8224, 17.6105 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(106, 112, 112) }
```


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

```
.border{ border-color:rgb(106, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(106, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6627, 15.8224, 17.6105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 112, 112) }
```

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

```
.background{ background-color: rgb(106,  
112, 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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