

Converting Colors

XYZ(14.5814, 14.9225, 18.2561)

Have a look what the booklet for
XYZ(14.5814, 14.9225, 18.2561)
contains.

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Color

**XYZ(14.6589, 15.0044,
18.3432)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6B73
RGB	109, 107, 115
RGB Percent	43%, 42%, 45%
CMY	0.5725, 0.5804, 0.5490
CMYK	0.05, 0.07, 0.00, 0.55
HSL	255°, 4%, 44%
HSV	255°, 7%, 45%
XYZ	14.6589, 15.0044, 18.3432
YIQ	108.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

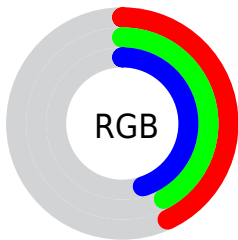
Format	Color
R_{YB}	109, 107, 115
Decimal	7170931
CIE Lab	45.64, 2.45, -4.18
CIE LCh	46, 4.846, 300.327
Yxy	15.0044, 0.3054, 0.3125
Android (android.graphics.Color)	4285361011 (0xFF6D6B73)
YUV	108.5100, 3.1996, 0.4297
Hunter-Lab	38.7355, -0.2364, -0.9619

Details

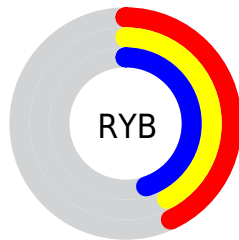
The XYZ color **14.6589, 15.0044, 18.3432** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5952, 16.8341, 16.3380**, and the grayscale version is **14.3892, 15.1385, 16.4859**.

A 20% lighter version of the original color is **33.6991, 34.7173, 41.4842**, and **4.6156, 4.6611, 5.9666** is the 20% darker color. If you saturate the color by 10%, you get **12.5292, 12.2438, 17.9228**, and if you desaturate by 10%, it is **17.0531, 18.1389, 18.8223**.

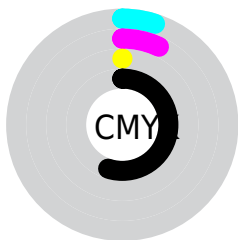
Distribution



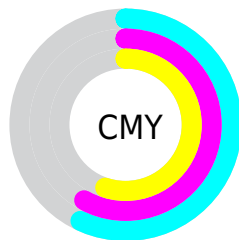
- Red (43%)
- Green (42%)
- Blue (45%)



- Red (43%)
- Yellow (42%)
- Blue (45%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6589, 15.0044, 18.3432 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 14.6589, 15.0044, 18.3432 by changing the saturation by 10% instead.

■ 14.6589, 15.0044,
18.3432

■ 14.6589, 15.0044,
18.3432

214.7218,
223.3929, 255.0992

■ 8.6651, 8.8225,
11.0247

■ 33.8303, 34.8609,
41.4431

■ 4.5787, 4.6256,
5.9691

■ 47.7385, 49.3043,
58.0615

■ 2.0345, 2.0293,
2.7578

■ 65.0157, 67.2702,
78.6170

■ 0.6532, 0.6244,
0.9723

■ 86.0270, 89.1432,
103.5281

■ 0.0000, 0.0000,
0.0000

111.1380,
115.3075, 133.2133

140.7138,

146.1477, 168.0912

175.1200,
182.0480, 208.5803

■ 14.6589, 15.0044,
18.3432

■ 14.6589, 15.0044,
18.3432

■ 12.5292, 12.2438,
17.9228

■ 17.0531, 18.1389,
18.8223

■ 10.6536, 9.8412,
17.5579

■ 19.7193, 21.6588,
19.3611

■ 9.0225, 7.7823,
17.2465

■ 22.6663, 25.5772,
19.9622

■ 7.6257, 6.0511,
16.9860

■ 25.9020, 29.9063,
20.6272

■ 6.4519, 4.6304,
16.7736

■ 29.4342, 34.6575,
21.3581

■ 5.4889, 3.5012,
16.6064

■ 33.2702, 39.8419,
22.1566

■ 4.7233, 2.6425,
16.4810

■ 37.4172, 45.4702,
23.0244

■ 4.1400, 2.0304,
16.3936

■ 41.8819, 51.5528,
23.9632

■ 3.7086, 1.6108,
16.3353

■ 46.6712, 58.0994,
24.9744

Harmonies

Analogous

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



14.2657, 15.0044, 18.6755



14.6589, 15.0044, 18.3432



14.9501, 15.0044, 17.4688

Triad

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



14.6589, 15.0044, 18.3432



14.6510, 15.0044, 14.4714



13.4950, 15.0044, 16.3500

Complementary

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



14.6589, 15.0044, 18.3432



15.5952, 16.8341, 16.3380

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.



13.5939, 15.0044, 15.2557



14.6589, 15.0044, 18.3432



14.2568, 15.0044, 14.2028

Square

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



14.6589, 15.0044, 18.3432



14.9455, 15.0044, 15.2346



13.8708, 15.0044, 14.4831



13.5982, 15.0044, 17.4919

Rectangle

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



14.6589, 15.0044, 18.3432



15.0444, 15.0044, 16.7156



13.8708, 15.0044, 14.4831



13.5057, 15.0044, 15.9646

Sweetspot

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



14.6593, 15.0050, 18.3435



28.2914, 29.5353, 33.2543



15.0784, 16.2041, 18.5529



6.7653, 7.0670, 7.9365



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.



14.6593, 15.0050, 18.3435



25.7456, 26.2123, 32.7470



15.1456, 15.2557, 18.3663



3.5785, 3.6300, 4.6023



4.0903, 1.7000, 18.6551



19.2541, 7.9343, 90.8770

Inverse Universe

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



15.3091, 15.3531, 17.7800



27.1099, 26.9433, 31.5579



15.1082, 16.5831, 16.3152



3.7894, 3.7430, 4.4178



10.0065, 4.9363, 10.5085



48.4072, 23.9130, 49.3353

Previews

White Background



This preview shows how the XYZ color 14.6589, 15.0044, 18.3432 looks on a white background.

Color Contrast Check

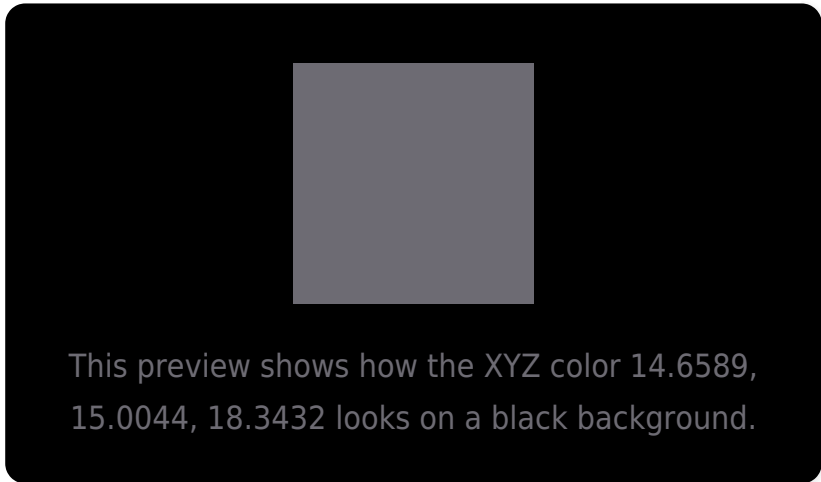
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

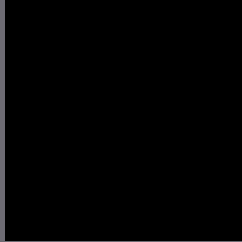
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

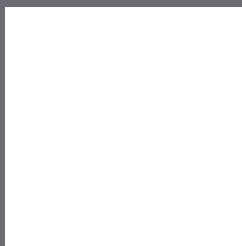
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6589, 15.0044, 18.3432

Background



This preview shows how black text looks on a background with the XYZ color 14.6589, 15.0044, 18.3432.



This preview shows how white text looks on a background with the XYZ color 14.6589, 15.0044,

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

14.6589, 15.0044, 18.3432

Protanopia

14.5365, 14.9413, 18.3375

Deuteranopia

15.2163, 14.9858, 18.3102



Tritanopia

14.6589, 15.0044, 18.3432

Trichromacy



Original Color

14.6589, 15.0044, 18.3432

Protanomaly

14.5365, 14.9413, 18.3375

Deuteranomaly

15.0586, 15.0566, 18.3322

Tritanomaly

14.6589, 15.0044, 18.3432

Monochromacy



Original Color

14.6589, 15.0044, 18.3432

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5385, 15.1240, 17.1919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6589, 15.0044, 18.3432 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(109, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(109, 107, 115)  
}
```

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(109, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 107, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.6589, 15.0044, 18.3432 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(109, 107, 115) }
```


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

```
.border{ border-color:rgb(109, 107, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 107, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 107, 115);  
box-shadow:4px 4px 4px 4px rgb(109, 107,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6589, 15.0044, 18.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 107, 115) }
```

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

```
.background{ background-color: rgb(109,  
107, 115) }
```

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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