

Converting Colors

XYZ(14.3731, 14.8855, 15.6425)

Have a look what the booklet for
XYZ(14.3731, 14.8855, 15.6425)
contains.

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Color

**XYZ(14.4148, 14.9355,
15.7588)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6B6A
RGB	111, 107, 106
RGB Percent	44%, 42%, 42%
CMY	0.5647, 0.5804, 0.5843
CMYK	0.00, 0.04, 0.05, 0.56
HSL	12°, 2%, 43%
HSV	12°, 5%, 44%
XYZ	14.4148, 14.9355, 15.7588
YIQ	108.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

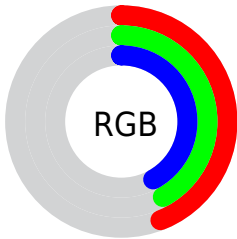
Format	Color
R_{YB}	111, 107, 106
Decimal	7301994
CIE Lab	45.55, 1.36, 1.11
CIE LCh	46, 1.751, 39.181
Yxy	14.9355, 0.3196, 0.3311
Android (android.graphics.Color)	4285492074 (0xFF6F6B6A)
YUV	108.0820, -1.0264, 2.5591
Hunter-Lab	38.6465, -1.0524, 2.8760

Details

The XYZ color **14.4148, 14.9355, 15.7588** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3891, 15.3637, 17.2463**, and the grayscale version is **14.2795, 15.0231, 16.3602**.

A 20% lighter version of the original color is **33.4169, 34.6746, 36.8299**, and **4.4552, 4.6042, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **12.9962, 12.9630, 12.6200**, and if you desaturate by 10%, it is **16.0040, 17.1292, 19.3236**.

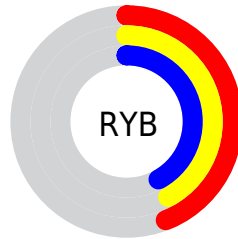
Distribution



Red (44%)

Green (42%)

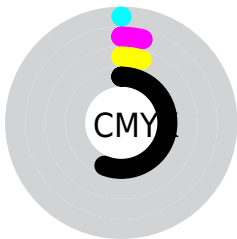
Blue (42%)



Red (44%)

Yellow (42%)

Blue (42%)

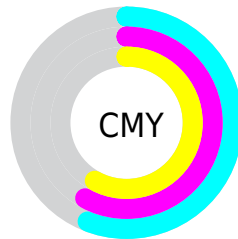


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4148, 14.9355, 15.7588 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 14.4148, 14.9355, 15.7588 by changing the saturation by 10% instead.

■ 14.4148, 14.9355,
15.7588

■ 14.4148, 14.9355,
15.7588

213.2556,
222.9755, 239.7111

■ 8.4934, 8.7741,
9.2011

■ 33.4034, 34.7400,
36.9399

■ 4.4667, 4.5941,
4.7740

■ 47.2012, 49.1519,
52.4004

■ 1.9694, 2.0112,
2.0589

■ 64.3553, 67.0828,
71.6656

■ 0.6167, 0.6139,
0.5911

■ 85.2309, 88.9170,
95.1541

■ 0.0000, 0.0000,
0.0000

110.1933,
115.0390, 123.2843

139.6080,

145.8332, 156.4749

173.8404,
181.6839, 195.1443

■ 14.4148, 14.9355,
15.7588

■ 14.4148, 14.9355,
15.7588

■ 12.9962, 12.9630,
12.6200

■ 16.0040, 17.1292,
19.3236

■ 11.7413, 11.2030,
9.8902

■ 17.7679, 19.5487,
23.3284

■ 10.6445, 9.6489,
7.5528

■ 19.7122, 22.2010,
27.7879

■ 9.6993, 8.2930,
5.5897

■ 21.8418, 25.0920,
32.7160

■ 8.8989, 7.1274,
3.9812

■ 24.1616, 28.2276,
38.1256

■ 8.2359, 6.1434,
2.7061

■ 26.6760, 31.6133,
44.0293

■ 7.7023, 5.3316,
1.7407

■ 29.3896, 35.2546,
50.4394

■ 7.2891, 4.6820,
1.0581

■ 32.3066, 39.1568,
57.3676

■ 6.9837, 4.1821,
0.6143

■ 35.4312, 43.3248,
64.8252

Harmonies

Analogous

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



14.4751, 14.9355, 16.1341



14.4148, 14.9355, 15.7588



14.2959, 14.9355, 15.5211

Triad

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



14.4148, 14.9355, 15.7588



13.9346, 14.9355, 15.9777



14.2407, 14.9355, 17.0701

Complementary

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



14.4148, 14.9355, 15.7588



14.3891, 15.3637, 17.2463

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.



14.0961, 14.9355, 17.0265



14.4148, 14.9355, 15.7588



13.9200, 14.9355, 16.3910

Square

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



14.4148, 14.9355, 15.7588



14.0189, 14.9355, 15.6460



13.9789, 14.9355, 16.7762



14.3741, 14.9355, 16.8944

Rectangle

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



14.4148, 14.9355, 15.7588



14.1998, 14.9355, 15.4703



13.9789, 14.9355, 16.7762



14.1917, 14.9355, 17.0807

Sweetspot

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



14.4152, 14.9361, 15.7591



26.7667, 28.0655, 30.3505



14.5243, 14.8136, 16.8460



6.4360, 6.7501, 7.3037



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.



14.4152, 14.9361, 15.7591



25.6430, 26.5105, 27.8416



14.6795, 15.4647, 15.8472



3.5648, 3.6818, 3.8589



8.0518, 4.6361, 0.4705



39.6030, 22.0811, 2.1748

Inverse Universe

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



14.3891, 15.3637, 17.2463



25.5900, 27.3799, 30.8659



14.1234, 14.8321, 17.1577



3.5570, 3.8092, 4.3020



7.5493, 9.6889, 19.1939



36.9900, 47.0319, 95.4076

Previews

White Background



This preview shows how the XYZ color 14.4148, 14.9355, 15.7588 looks on a white background.

Color Contrast Check

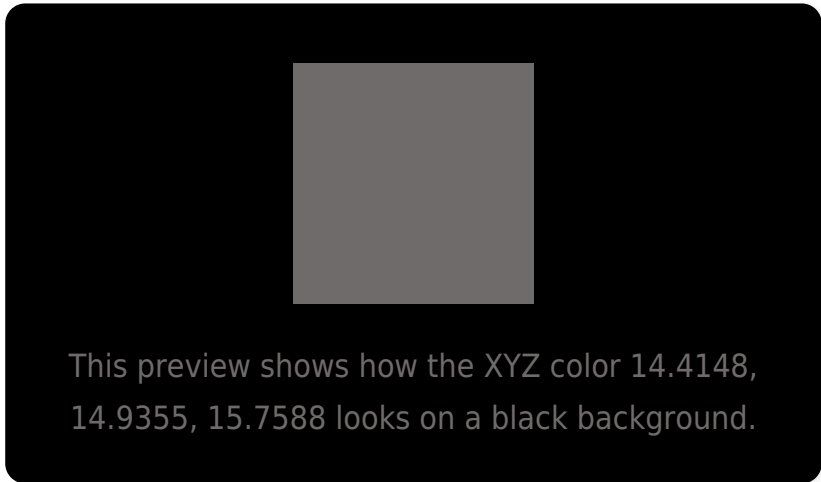
Large Text (above 18pt) WCAG AA ✓ Pass

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

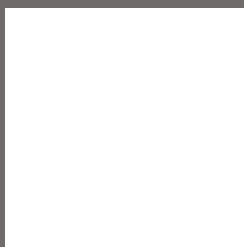
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4148, 14.9355, 15.7588

Background



This preview shows how black text looks on a background with the XYZ color 14.4148, 14.9355, 15.7588.



This preview shows how white text looks on a background with the XYZ color 14.4148, 14.9355,

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

14.4148, 14.9355, 15.7588

Protanopia

14.2896, 14.8710, 15.7529

Deuteranopia

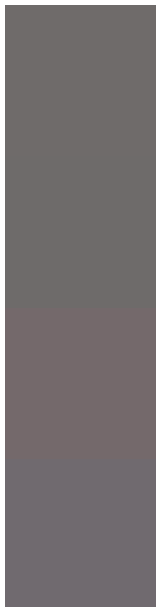
15.2119, 14.8841, 15.9811



Tritanopia

14.8734, 14.9677, 18.0247

Trichromacy



Original Color

14.4148, 14.9355, 15.7588

Protanomaly

14.2896, 14.8710, 15.7529

Deuteranomaly

14.9079, 14.8777, 15.9959

Tritanomaly

14.7054, 14.9005, 17.1400

Monochromacy



Original Color

14.4148, 14.9355, 15.7588

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3231, 15.0379, 16.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4148, 14.9355, 15.7588 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(111, 107, 106)` looks like.

```
.text, #text, p{  
    color:rgb(111, 107, 106)  
}
```

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(111, 107, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 107, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.4148, 14.9355, 15.7588 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(111, 107, 106) }
```


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

```
.border{ border-color:rgb(111, 107, 106) }
```

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

Here you see how a box with a 4 pixel rgb(111, 107, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 107, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 107, 106);  
box-shadow:4px 4px 4px 4px rgb(111, 107,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4148, 14.9355, 15.7588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 107, 106) }
```

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

```
.background{ background-color: rgb(111,  
107, 106) }
```

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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