

Converting Colors

XYZ(14.9111, 16.2345, 14.2139)

Have a look what the booklet for
XYZ(14.9111, 16.2345, 14.2139)
contains.

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Color

**XYZ(14.8394, 16.1559,
14.1407)**

Conversions

Conversions Part 1

Format	Color
Hex	707163
RGB	112, 113, 99
RGB Percent	44%, 44%, 39%
CMY	0.5608, 0.5569, 0.6118
CMYK	0.01, 0.00, 0.12, 0.56
HSL	64°, 7%, 42%
HSV	64°, 12%, 44%
XYZ	14.8394, 16.1559, 14.1407
YIQ	111.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

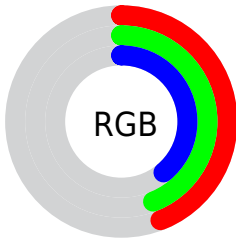
Format	Color
R_{YB}	99, 113, 100
Decimal	7369059
CIE _{Lab}	47.18, -3.09, 7.65
CIE _{LCh}	47, 8.246, 111.986
Yxy	16.1559, 0.3288, 0.3579
Android (android.graphics.Color)	4285559139 (0xFF707163)
YUV	111.1050, -5.9678, 0.7849
Hunter-Lab	40.1944, -4.4397, 7.2774

Details

The XYZ color **14.8394, 16.1559, 14.1407** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6987, 12.8257, 17.4300**, and the grayscale version is **15.1563, 15.9456, 17.3648**.

A 20% lighter version of the original color is **34.2700, 37.0048, 34.1906**, and **4.6245, 5.1185, 3.9930** is the 20% darker color. If you saturate the color by 10%, you get **14.2343, 15.9025, 11.4869**, and if you desaturate by 10%, it is **15.5220, 16.4414, 17.1934**.

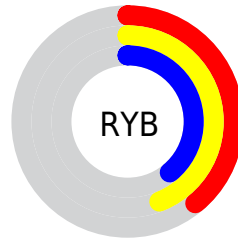
Distribution



Red (44%)

Green (44%)

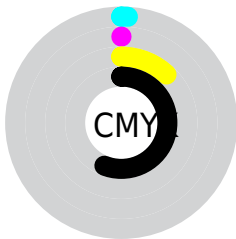
Blue (39%)



Red (39%)

Yellow (44%)

Blue (39%)

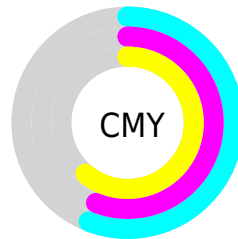


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8394, 16.1559, 14.1407 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 14.8394, 16.1559, 14.1407 by changing the saturation by 10% instead.

■ 14.8394, 16.1559,
14.1407

■ 14.8394, 16.1559,
14.1407

215.7998,
230.2599, 229.5632

■ 8.7923, 9.6345,
8.0787

■ 34.1452, 36.8686,
34.0592

■ 4.6620, 5.1573,
4.0569

■ 48.1346, 51.8288,
48.7528

■ 2.0830, 2.3399,
1.6566

■ 65.5021, 70.3707,
67.1606

■ 0.6800, 0.7947,
0.3307

■ 86.6132, 92.8787,
89.7013

■ 0.0000, 0.0000,
0.0000

111.8332,
119.7373, 116.7934

141.5273,

151.3307, 148.8554

176.0611,
188.0435, 186.3058

■ 14.8394, 16.1559,
14.1407

■ 14.8394, 16.1559,
14.1407

■ 14.2343, 15.9025,
11.4869

■ 15.5220, 16.4414,
17.1934

■ 13.7021, 15.6779,
9.2147

■ 16.2836, 16.7581,
20.6596

■ 13.2400, 15.4815,
7.3067

■ 17.1275, 17.1078,
24.5543

■ 12.8444, 15.3117,
5.7439

■ 18.0564, 17.4916,
28.8913

■ 12.5114, 15.1671,
4.5058

■ 19.0727, 17.9106,
33.6840

■ 12.2365, 15.0458,
3.5693

■ 20.1789, 18.3655,
38.9451

■ 12.0149, 14.9460,
2.9087

■ 21.3773, 18.8575,
44.6870

■ 11.8406, 14.8652,
2.4921

■ 22.6702, 19.3873,
50.9214

■ 11.7210, 14.8090,
2.2407

■ 24.0597, 19.9559,
57.6597

Harmonies

Analogous

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



15.5510, 16.1559, 13.9244



14.8394, 16.1559, 14.1407



14.2828, 16.1559, 15.2437

Triad

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



14.8394, 16.1559, 14.1407



14.5126, 16.1559, 20.9298



16.7788, 16.1559, 18.1539

Complementary

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



14.8394, 16.1559, 14.1407



12.6987, 12.8257, 17.4300

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.



16.4811, 16.1559, 20.1677



14.8394, 16.1559, 14.1407



15.1620, 16.1559, 21.8507

Square

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



14.8394, 16.1559, 14.1407



14.0983, 16.1559, 19.1293



15.8838, 16.1559, 21.5614



16.6858, 16.1559, 16.1375

Rectangle

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



14.8394, 16.1559, 14.1407



14.0670, 16.1559, 16.3843



15.8838, 16.1559, 21.5614



16.7207, 16.1559, 18.8556

Sweetspot

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



14.8398, 16.1566, 14.1410



27.5738, 29.3482, 29.7964



13.6135, 13.5136, 13.6955



6.3588, 6.7797, 6.8097



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.



14.8398, 16.1566, 14.1410



26.2313, 28.7871, 23.8163



13.9914, 15.7192, 14.1013



3.6195, 3.9047, 3.6362



13.2880, 16.7940, 2.5412



65.8865, 83.4997, 12.6445

Inverse Universe

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



12.6987, 12.8257, 17.4300



21.5595, 21.5192, 30.9928



13.4984, 13.2380, 17.4674



3.2377, 3.3108, 4.2226



3.4885, 1.4078, 17.8095



17.0866, 6.8628, 88.7032

Previews

White Background



This preview shows how the XYZ color 14.8394, 16.1559, 14.1407 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 14.8394, 16.1559, 14.1407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

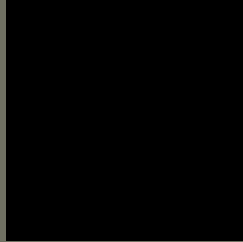
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

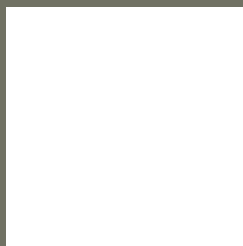
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8394, 16.1559, 14.1407

Background



This preview shows how black text looks on a background with the XYZ color 14.8394, 16.1559, 14.1407.

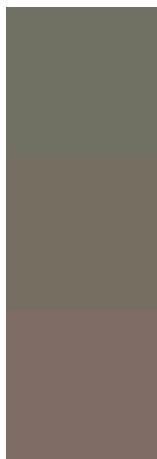


This preview shows how white text looks on a background with the XYZ color 14.8394, 16.1559,

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

14.8394, 16.1559, 14.1407

Protanopia

15.2252, 16.0326, 13.8474

Deuteranopia

16.4152, 16.1573, 14.3101



Tritanopia

15.9759, 16.1286, 19.7239

Trichromacy



Original Color

14.8394, 16.1559, 14.1407

Protanomaly

15.0690, 16.1150, 13.8716

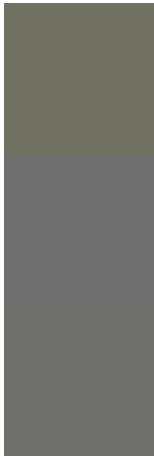
Deuteranomaly

15.9022, 16.2095, 14.3472

Tritanomaly

15.5485, 16.1161, 17.6205

Monochromacy



Original Color

14.8394, 16.1559, 14.1407

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0036, 16.0294, 16.2131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8394, 16.1559, 14.1407 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(112, 113, 99)` looks like.

```
.text, #text, p{  
    color:rgb(112, 113, 99)  
}
```

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(112, 113, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 113, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.8394, 16.1559, 14.1407 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(112, 113, 99) }
```


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

```
.border{ border-color:rgb(112, 113, 99) }
```

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

Here you see how a box with a 4 pixel rgb(112, 113, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 113, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 113, 99);  
box-shadow:4px 4px 4px 4px rgb(112, 113,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8394, 16.1559, 14.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 113, 99) }
```

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

```
.background{ background-color: rgb(112,  
113, 99) }
```

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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