

Converting Colors

XYZ(14.0370, 16.0058, 17.3885)

Have a look what the booklet for
XYZ(14.0370, 16.0058, 17.3885)
contains.

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Color

**XYZ(14.0370, 16.0058,
17.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	62736F
RGB	98, 115, 111
RGB Percent	38%, 45%, 44%
CMY	0.6157, 0.5490, 0.5647
CMYK	0.15, 0.00, 0.03, 0.55
HSL	166°, 8%, 42%
HSV	166°, 15%, 45%
XYZ	14.0370, 16.0058, 17.3885
YIQ	109.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

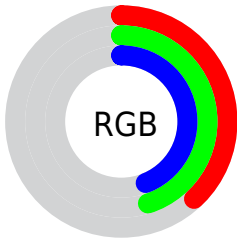
Format	Color
R_{YB}	98, 108, 115
Decimal	6452079
CIE Lab	46.98, -7.18, 0.08
CIE LCh	47, 7.184, 179.352
Yxy	16.0058, 0.2959, 0.3375
Android (android.graphics.Color)	4284642159 (0xFF62736F)
YUV	109.4610, 0.7587, -10.0513
Hunter-Lab	40.0072, -7.3839, 2.2356

Details

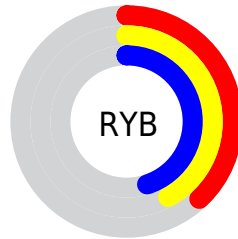
The XYZ color **14.0370, 16.0058, 17.3885** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8368, 13.3400, 14.4168**, and the grayscale version is **14.6670, 15.4308, 16.8041**.

A 20% lighter version of the original color is **32.8240, 36.6713, 39.9986**, and **4.2696, 5.0770, 5.4576** is the 20% darker color. If you saturate the color by 10%, you get **12.7375, 15.3533, 16.5617**, and if you desaturate by 10%, it is **15.5202, 16.7534, 18.2482**.

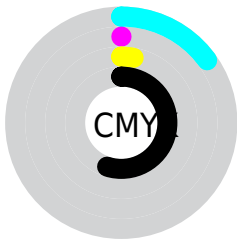
Distribution



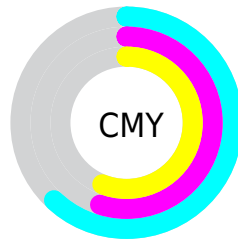
- Red (38%)
- Green (45%)
- Blue (44%)



- Red (38%)
- Yellow (42%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0370, 16.0058, 17.3885 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 14.0370, 16.0058, 17.3885 by changing the saturation by 10% instead.

■ 14.0370, 16.0058,
17.3885

■ 14.0370, 16.0058,
17.3885

210.9669,
229.3759, 249.5206

■ 8.2283, 9.5283,
10.3470

■ 32.7404, 36.6083,
39.7923

■ 4.2944, 5.0873,
5.5210

■ 46.3658, 51.5020,
55.9917

■ 1.8700, 2.2986,
2.4921

■ 63.3274, 69.9699,
76.0808

■ 0.5593, 0.7730,
0.8359

■ 83.9906, 92.3964,
100.4781

■ 0.0000, 0.0000,
0.0000

108.7208,
119.1658, 129.6022

137.8834,

150.6626, 163.8716

171.8436,
187.2712, 203.7049

■ 14.0370, 16.0058,
17.3885

■ 14.0370, 16.0058,
17.3885

■ 12.7375, 15.3533,
16.5617

■ 15.5202, 16.7534,
18.2482

■ 11.6128, 14.7899,
15.7660

■ 17.1930, 17.5977,
19.1402

■ 10.6552, 14.3122,
15.0014

■ 19.0625, 18.5430,
20.0654

■ 9.8559, 13.9155,
14.2671

■ 21.1352, 19.5924,
21.0244

■ 9.2051, 13.5950,
13.5626

■ 23.4173, 20.7492,
22.0175

■ 8.6923, 13.3451,
12.8870

■ 25.9145, 22.0164,
23.0452

■ 8.3053, 13.1595,
12.2396

■ 28.6326, 23.3969,
24.1080

■ 8.0238, 13.0278,
11.6193

■ 31.5769, 24.8935,
25.2064

■ 7.8897, 12.9655,
11.3049

■ 34.7528, 26.5089,
26.3408

Harmonies

Analogous

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



14.1974, 16.0058, 15.7231



14.0370, 16.0058, 17.3885



14.1844, 16.0058, 19.1787

Triad

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



14.0370, 16.0058, 17.3885



15.8128, 16.0058, 20.6198



15.8371, 16.0058, 14.6179

Complementary

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



14.0370, 16.0058, 17.3885



13.8368, 13.3400, 14.4168

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.



16.2902, 16.0058, 15.7865



14.0370, 16.0058, 17.3885



16.2759, 16.0058, 19.2510

Square

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



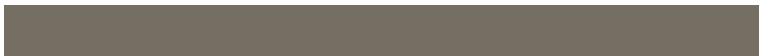
14.0370, 16.0058, 17.3885



15.1994, 16.0058, 21.1202



16.4530, 16.0058, 17.4667



15.2267, 16.0058, 14.1926

Rectangle

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



14.0370, 16.0058, 17.3885



14.4398, 16.0058, 20.1860



16.4530, 16.0058, 17.4667



16.0134, 16.0058, 14.9327

Sweetspot

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



14.0375, 16.0065, 17.3889



27.9830, 30.0959, 32.7820



13.8437, 15.9834, 13.9111



6.6327, 7.1581, 7.7968



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.



14.0375, 16.0065, 17.3889



24.2394, 28.2107, 30.5836



13.7892, 15.1495, 18.4177



3.7482, 4.1412, 4.5080



9.0108, 14.8183, 12.8788



43.5673, 72.0742, 60.9519

Inverse Universe

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



13.8368, 13.3400, 14.4168



23.8015, 22.3893, 24.0959



14.0514, 14.0792, 13.5326



3.7160, 3.7137, 4.0314



8.3022, 4.2546, 1.5337



40.1733, 20.6194, 5.9758

Previews

White Background



This preview shows how the XYZ color 14.0370, 16.0058, 17.3885 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 14.0370, 16.0058, 17.3885 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

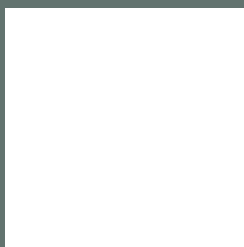
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0370, 16.0058, 17.3885

Background



This preview shows how black text looks on a background with the XYZ color 14.0370, 16.0058, 17.3885.



This preview shows how white text looks on a background with the XYZ color 14.0370, 16.0058,

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

14.0370, 16.0058, 17.3885

Protanopia

15.3842, 16.0504, 16.7552

Deuteranopia

16.1723, 15.9599, 17.5574



Tritanopia

14.6735, 15.9247, 20.7128

Trichromacy



Original Color

14.0370, 16.0058, 17.3885

Protanomaly

14.7930, 15.9023, 17.0416

Deuteranomaly

15.4191, 16.0494, 17.6144

Tritanomaly

14.4329, 15.9953, 19.4662

Monochromacy



Original Color

14.0370, 16.0058, 17.3885

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3246, 15.4979, 16.9883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0370, 16.0058, 17.3885 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(98, 115, 111) looks like.

```
.text, #text, p{  
    color:rgb(98, 115, 111)  
}
```

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(98, 115, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 115, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.0370, 16.0058, 17.3885 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(98, 115, 111) }
```


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

```
.border{ border-color:rgb(98, 115, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 115, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 115, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 115, 111);  
box-shadow:4px 4px 4px 4px rgb(98, 115,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0370, 16.0058, 17.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 115, 111) }
```

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

```
.background{ background-color: rgb(98, 115,  
111) }
```

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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