

Converting Colors

XYZ(14.1344, 16.7359, 13.1378)

Have a look what the booklet for
XYZ(14.1344, 16.7359, 13.1378)
contains.

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Color

**XYZ(14.0923, 16.6486,
13.0604)**

Conversions

Conversions Part 1

Format	Color
Hex	67765E
RGB	103, 118, 94
RGB Percent	40%, 46%, 37%
CMY	0.5961, 0.5372, 0.6314
CMYK	0.13, 0.00, 0.20, 0.54
HSL	98°, 11%, 42%
HSV	98°, 20%, 46%
XYZ	14.0923, 16.6486, 13.0604
YIQ	110.7790, -1.2360, -10.6440

Conversions

Conversions Part 2

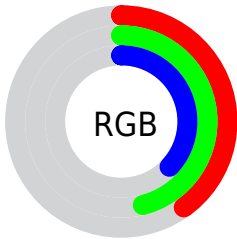
Format	Color
R_{YB}	94, 118, 109
Decimal	6780510
CIE _{Lab}	47.81, -10.42, 11.39
CIE _{LCh}	48, 15.440, 132.464
Yxy	16.6486, 0.3217, 0.3801
Android (android.graphics.Color)	4284970590 (0xFF67765E)
YUV	110.7790, -8.2720, -6.8222
Hunter-Lab	40.8027, -9.7550, 9.5839

Details

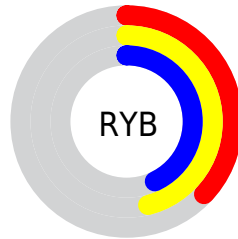
The XYZ color **14.0923, 16.6486, 13.0604** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5801, 12.5651, 18.8500**, and the grayscale version is **15.0692, 15.8540, 17.2650**.

A 20% lighter version of the original color is **32.7352, 37.6331, 31.9241**, and **4.3545, 5.4345, 3.6158** is the 20% darker color. If you saturate the color by 10%, you get **12.7938, 16.0363, 10.4437**, and if you desaturate by 10%, it is **15.5473, 17.3332, 16.1078**.

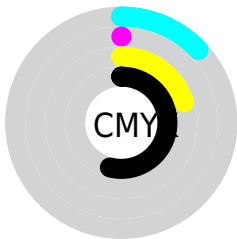
Distribution



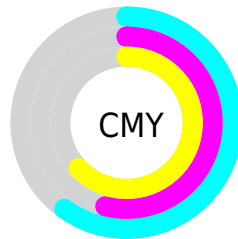
- Red (40%)
- Green (46%)
- Blue (37%)



- Red (37%)
- Yellow (46%)
- Blue (43%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0923, 16.6486, 13.0604 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 14.0923, 16.6486, 13.0604 by changing the saturation by 10% instead.

■ 14.0923, 16.6486,
13.0604

■ 14.0923, 16.6486,
13.0604

211.3034,
233.1391, 222.5258

■ 8.2670, 9.9843,
7.3389

■ 32.8376, 37.7206,
32.1050

■ 4.3195, 5.3885,
3.5933

■ 46.4884, 52.8971,
46.2653

■ 1.8844, 2.4770,
1.4050

■ 63.4783, 71.6797,
64.0755

■ 0.5678, 0.8651,
0.1456

■ 84.1728, 94.4529,
85.9543

■ 0.0000, 0.0000,
0.0000

108.9372,
121.6010, 112.3202

138.1369,

153.5085, 143.5917

172.1371,
190.5598, 180.1874

■ 14.0923, 16.6486,
13.0604

■ 14.0923, 16.6486,
13.0604

■ 12.7938, 16.0363,
10.4437

■ 15.5473, 17.3332,
16.1078

■ 11.6450, 15.4917,
8.2373

■ 17.1628, 18.0903,
19.6029

■ 10.6403, 15.0129,
6.4205

■ 18.9442, 18.9229,
23.5632

■ 9.7733, 14.5971,
4.9706

■ 20.8963, 19.8330,
28.0050

■ 9.0370, 14.2414,
3.8626

■ 23.0238, 20.8226,
32.9437

■ 8.4240, 13.9423,
3.0682

■ 25.3309, 21.8937,
38.3941

■ 7.9254, 13.6961,
2.5548

■ 27.8221, 23.0483,
44.3702

■ 7.5280, 13.4985,
2.2087

■ 30.5013, 24.2880,
50.8857

■ 33.3726, 25.6148,
57.9537

Harmonies

Analogous

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



15.2558, 16.6486, 11.6503



14.0923, 16.6486, 13.0604



13.4167, 16.6486, 15.9239

Triad

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



14.0923, 16.6486, 13.0604



15.0346, 16.6486, 26.4215



18.5711, 16.6486, 16.5298

Complementary

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



14.0923, 16.6486, 13.0604



13.5801, 12.5651, 18.8500

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.



18.5033, 16.6486, 20.5255



14.0923, 16.6486, 13.0604



16.4061, 16.6486, 26.6468

Square

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



14.0923, 16.6486, 13.0604



13.9385, 16.6486, 23.7833



17.6920, 16.6486, 24.3602



17.8723, 16.6486, 13.4480

Rectangle

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



14.0923, 16.6486, 13.0604



13.3083, 16.6486, 18.4576



17.6920, 16.6486, 24.3602



18.6383, 16.6486, 17.8014

Sweetspot

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



14.0927, 16.6493, 13.0608



28.4912, 31.0179, 30.7989



14.9396, 15.5551, 12.8049



6.5203, 7.1173, 7.0158



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.



14.0927, 16.6493, 13.0608



23.7732, 28.7995, 20.9144



13.2434, 16.1967, 13.6890



3.7584, 4.1589, 3.9470



8.1306, 14.5958, 2.3888



38.7395, 70.6727, 11.5994

Inverse Universe

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



13.5801, 12.5651, 18.8500



22.7138, 20.3643, 32.8706



14.5806, 13.0998, 18.0409



3.6999, 3.6926, 4.6080



6.5587, 2.9725, 18.7706



30.9895, 13.9842, 91.4262

Previews

White Background



This preview shows how the XYZ color 14.0923, 16.6486, 13.0604 looks on a white background.

Color Contrast Check

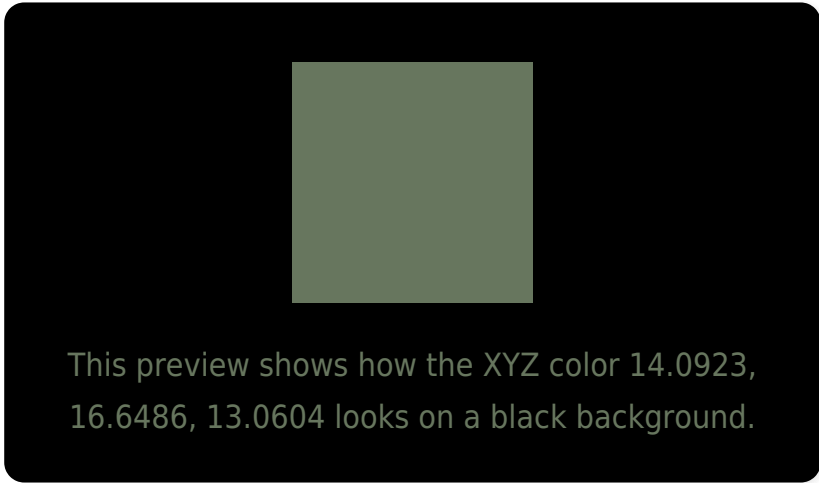
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0923, 16.6486, 13.0604

Background



This preview shows how black text looks on a background with the XYZ color 14.0923, 16.6486, 13.0604.



This preview shows how white text looks on a background with the XYZ color 14.0923, 16.6486,

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

14.0923, 16.6486, 13.0604

Protanopia

15.5826, 16.5760, 12.5034

Deuteranopia

16.7859, 16.5276, 13.3718



Tritanopia

15.6559, 16.5905, 21.1160

Trichromacy



Original Color

14.0923, 16.6486, 13.0604

Protanomaly

15.0459, 16.6292, 12.7727

Deuteranomaly

15.6055, 16.4076, 13.1710

Tritanomaly

14.9992, 16.4955, 17.7226

Monochromacy



Original Color

14.0923, 16.6486, 13.0604

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7515, 16.2427, 15.7223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0923, 16.6486, 13.0604 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(103, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(103, 118, 94)  
}
```

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(103, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 118, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.0923, 16.6486, 13.0604 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(103, 118, 94) }
```


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

```
.border{ border-color:rgb(103, 118, 94) }
```

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

Here you see how a box with a 4 pixel rgb(103, 118, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(103, 118,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0923, 16.6486, 13.0604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 118, 94) }
```

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

```
.background{ background-color: rgb(103,  
118, 94) }
```

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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