

Converting Colors

XYZ(14.5476, 16.7325, 18.1077)

Have a look what the booklet for
XYZ(14.5476, 16.7325, 18.1077)
contains.

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Color

**XYZ(14.6047, 16.8018,
18.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	637671
RGB	99, 118, 113
RGB Percent	39%, 46%, 44%
CMY	0.6118, 0.5372, 0.5569
CMYK	0.16, 0.00, 0.04, 0.54
HSL	164°, 9%, 43%
HSV	164°, 16%, 46%
XYZ	14.6047, 16.8018, 18.0961
YIQ	111.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

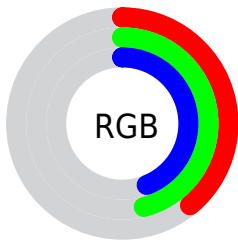
Format	Color
R_{YB}	99, 110, 118
Decimal	6518385
CIE _{Lab}	48.01, -8.10, 0.40
CIE _{LCh}	48, 8.105, 177.171
Yxy	16.8018, 0.2950, 0.3394
Android (android.graphics.Color)	4284708465 (0xFF637671)
YUV	111.7490, 0.6167, -11.1809
Hunter-Lab	40.9900, -8.1331, 2.5179

Details

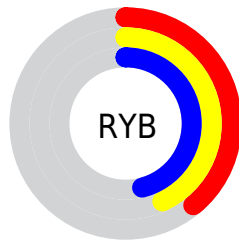
The XYZ color **14.6047, 16.8018, 18.0961** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4324, 13.7752, 14.9958**, and the grayscale version is **15.3283, 16.1265, 17.5618**.

A 20% lighter version of the original color is **33.7439, 37.9501, 41.1439**, and **4.5605, 5.4920, 5.8207** is the 20% darker color. If you saturate the color by 10%, you get **13.2368, 16.1169, 17.1350**, and if you desaturate by 10%, it is **16.1680, 17.5876, 19.0983**.

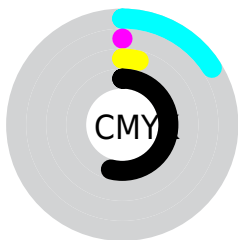
Distribution



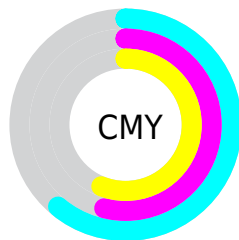
- Red (39%)
- Green (46%)
- Blue (44%)



- Red (39%)
- Yellow (43%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (54%)



- Cyan (61%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6047, 16.8018, 18.0961 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 14.6047, 16.8018, 18.0961 by changing the saturation by 10% instead.

■ 14.6047, 16.8018,
18.0961

■ 14.6047, 16.8018,
18.0961

214.3971,
234.0276, 253.6664

■ 8.6269, 10.0933,
10.8488

■ 33.7356, 37.9847,
41.0172

■ 4.5538, 5.4608,
5.8524

■ 47.6194, 53.2278,
57.5280

■ 2.0200, 2.5201,
2.6882

■ 64.8693, 72.0847,
77.9639

■ 0.6451, 0.8867,
0.9375

■ 85.8506, 94.9396,
102.7432

■ 0.0000, 0.0000,
0.0000

110.9287,
122.1769, 132.2846

140.4689,

154.1811, 167.0066

174.8366,
191.3365, 207.3277

■ 14.6047, 16.8018,
18.0961

■ 14.6047, 16.8018,
18.0961

■ 13.2368, 16.1169,
17.1350

■ 16.1680, 17.5876,
19.0983

■ 12.0546, 15.5267,
16.2132

■ 17.9329, 18.4762,
20.1411

■ 11.0498, 15.0272,
15.3304

■ 19.9072, 19.4720,
21.2256

■ 10.2129, 14.6136,
14.4857

■ 22.0978, 20.5786,
22.3524

■ 9.5335, 14.2805,
13.6784

■ 24.5112, 21.7994,
23.5220

■ 8.9999, 14.0219,
12.9075

■ 27.1539, 23.1377,
24.7351

■ 8.5988, 13.8310,
12.1722

■ 30.0318, 24.5964,
25.9922

■ 8.3040, 13.6943,
11.4709

■ 33.1507, 26.1787,
27.2939

■ 8.1966, 13.6446,
11.2057

■ 36.5164, 27.8875,
28.6408

Harmonies

Analogous

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



14.8159, 16.8018, 16.1949



14.6047, 16.8018, 18.0961



14.7499, 16.8018, 20.1974

Triad

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



14.6047, 16.8018, 18.0961



16.6210, 16.8018, 22.1198



16.7449, 16.8018, 15.1119

Complementary

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



14.6047, 16.8018, 18.0961



14.4324, 13.7752, 14.9958

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.



17.2548, 16.8018, 16.5146



14.6047, 16.8018, 18.0961



17.1817, 16.8018, 20.5677

Square

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



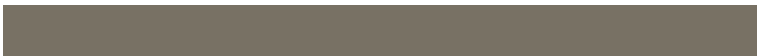
14.6047, 16.8018, 18.0961



15.9002, 16.8018, 22.6228



17.4170, 16.8018, 18.4939



16.0392, 16.8018, 14.5564

Rectangle

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



14.6047, 16.8018, 18.0961



15.0318, 16.8018, 21.4126



17.4170, 16.8018, 18.4939



16.9457, 16.8018, 15.4945

Sweetspot

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



14.6052, 16.8025, 18.0965



28.7149, 31.0680, 33.7556



14.4478, 16.8055, 14.2870



6.5648, 7.1243, 7.7382



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.



14.6052, 16.8025, 18.0965



24.8310, 29.1174, 31.2404



14.3847, 15.8984, 19.4509



3.7441, 4.1396, 4.4865



8.8619, 14.7588, 12.0947



42.8186, 71.7747, 57.0091

Inverse Universe

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



14.4324, 13.7752, 14.9958



24.4721, 22.8246, 24.7960



14.6174, 14.5399, 13.8408



3.7199, 3.7152, 4.0517



8.3465, 4.2723, 1.7670



40.3655, 20.6963, 6.9880

Previews

White Background



This preview shows how the XYZ color 14.6047, 16.8018, 18.0961 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 14.6047, 16.8018, 18.0961 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

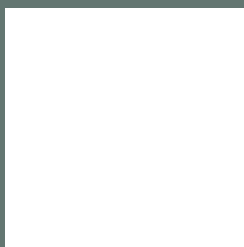
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6047, 16.8018, 18.0961

Background



This preview shows how black text looks on a background with the XYZ color 14.6047, 16.8018, 18.0961.



This preview shows how white text looks on a background with the XYZ color 14.6047, 16.8018,

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

14.6047, 16.8018, 18.0961

Protanopia

16.0557, 16.7180, 17.1325

Deuteranopia

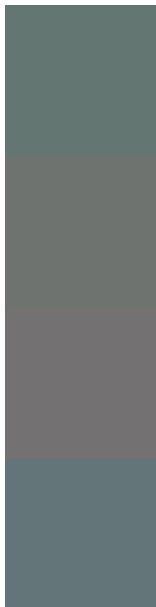
16.9826, 16.6748, 18.5431



Tritanopia

15.3139, 16.7382, 21.8257

Trichromacy



Original Color

14.6047, 16.8018, 18.0961

Protanomaly

15.4304, 16.7242, 17.4537

Deuteranomaly

16.0126, 16.6700, 18.2933

Tritanomaly

15.0680, 16.8124, 20.5401

Monochromacy



Original Color

14.6047, 16.8018, 18.0961

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0053, 16.3303, 17.6904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6047, 16.8018, 18.0961 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(99, 118, 113) looks like.

```
.text, #text, p{  
    color:rgb(99, 118, 113)  
}
```

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(99, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 118, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.6047, 16.8018, 18.0961 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(99, 118, 113) }
```


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

```
.border{ border-color:rgb(99, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 118, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 118, 113);  
box-shadow:4px 4px 4px 4px rgb(99, 118,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6047, 16.8018, 18.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 118, 113) }
```

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

```
.background{ background-color: rgb(99, 118,  
113) }
```

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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