

Converting Colors

XYZ(14.8384, 16.5299, 18.2666)

Have a look what the booklet for
XYZ(14.8384, 16.5299, 18.2666)
contains.

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Color

**XYZ(14.8762, 16.5893,
18.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	677472
RGB	103, 116, 114
RGB Percent	40%, 45%, 45%
CMY	0.5961, 0.5451, 0.5529
CMYK	0.11, 0.00, 0.02, 0.55
HSL	171°, 6%, 43%
HSV	171°, 11%, 45%
XYZ	14.8762, 16.5893, 18.3376
YIQ	111.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

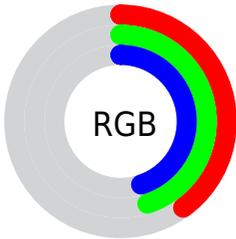
Format	Color
R_{YB}	103, 110, 116
Decimal	6780018
CIE _{Lab}	47.74, -5.28, -0.55
CIE _{LCh}	48, 5.307, 185.994
Yxy	16.5893, 0.2987, 0.3331
Android (android.graphics.Color)	4284970098 (0xFF677472)
YUV	111.8850, 1.0427, -7.7921
Hunter-Lab	40.7300, -6.0822, 1.8172

Details

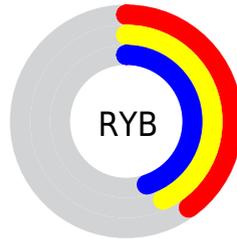
The XYZ color **14.8762, 16.5893, 18.3376** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6031, 14.4339, 15.3818**, and the grayscale version is **15.3663, 16.1666, 17.6054**.

A 20% lighter version of the original color is **34.2120, 37.6285, 41.5362**, and **4.6814, 5.3683, 5.9437** is the 20% darker color. If you saturate the color by 10%, you get **13.5363, 15.9107, 17.7496**, and if you desaturate by 10%, it is **16.4036, 17.3653, 18.9454**.

Distribution



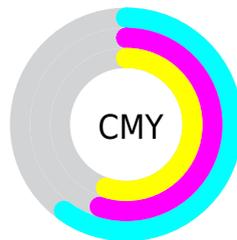
- Red (40%)
- Green (45%)
- Blue (45%)



- Red (40%)
- Yellow (43%)
- Blue (45%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8762, 16.5893, 18.3376 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 14.8762, 16.5893, 18.3376 by changing the saturation by 10% instead.

■ 14.8762, 16.5893,
18.3376

■ 14.8762, 16.5893,
18.3376

216.0189,
232.7944, 255.0668

■ 8.8183, 9.9421,
11.0207

■ 34.2093, 37.6183,
41.4334

■ 4.6790, 5.3606,
5.9664

■ 48.2152, 52.7689,
58.0494

■ 2.0930, 2.4603,
2.7562

■ 65.6011, 71.5227,
78.6022

■ 0.6854, 0.8567,
0.9715

■ 86.7325, 94.2642,
103.5103

■ 0.0000, 0.0000,
0.0000

111.9746,
121.3777, 133.1923

141.6928,

153.2476, 168.0667

176.2524,
190.2584, 208.5520

■ 14.8762, 16.5893,
18.3376

■ 14.8762, 16.5893,
18.3376

■ 13.5363, 15.9107,
17.7496

■ 16.4036, 17.3653,
18.9454

■ 12.3750, 15.3234,
17.1800

■ 18.1244, 18.2403,
19.5723

■ 11.3847, 14.8240,
16.6286

■ 20.0456, 19.2184,
20.2191

■ 10.5566, 14.4081,
16.0950

■ 22.1738, 20.3030,
20.8862

■ 9.8813, 14.0707,
15.5786

■ 24.5150, 21.4971,
21.5738

■ 9.3482, 13.8064,
15.0790

■ 27.0752, 22.8039,
22.2822

■ 8.9456, 13.6091,
14.5955

■ 29.8601, 24.2263,
23.0119

■ 8.6597, 13.4718,
14.1275

■ 32.8750, 25.7670,
23.7632

■ 8.4570, 13.3760,
13.7264

■ 36.1252, 27.4288,
24.5362

Harmonies

Analogous

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



14.9475, 16.5893, 17.0190



14.8762, 16.5893, 18.3376



15.0398, 16.5893, 19.6450

Triad

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



14.8762, 16.5893, 18.3376



16.3108, 16.5893, 20.2641



16.1423, 16.5893, 15.7762

Complementary

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



14.8762, 16.5893, 18.3376



14.6031, 14.4339, 15.3818

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.



16.5186, 16.5893, 16.5682



14.8762, 16.5893, 18.3376



16.6172, 16.5893, 19.1486

Square

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



14.8762, 16.5893, 18.3376



15.8633, 16.5893, 20.7926



16.6940, 16.5893, 17.7910



15.6724, 16.5893, 15.5833

Rectangle

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



14.8762, 16.5893, 18.3376



15.2621, 16.5893, 20.3204



16.6940, 16.5893, 17.7910



16.2842, 16.5893, 15.9792

Sweetspot

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



14.8767, 16.5900, 18.3380



28.3064, 30.2559, 33.0989



14.5394, 16.4842, 15.2477



6.7056, 7.1940, 7.8779



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.



14.8767, 16.5900, 18.3380



25.6225, 28.8936, 32.0111



14.5039, 15.6601, 18.7821



3.7603, 4.1461, 4.5714



9.4848, 15.0079, 15.3750



45.9654, 73.0334, 73.5798

Inverse Universe

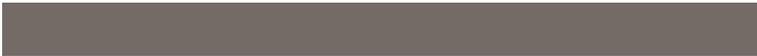
The Inverse Universe completely reimagines the original color for something new.



14.6031, 14.4339, 15.3818



25.0587, 24.4488, 25.9172



14.9438, 15.2779, 14.9935



3.7048, 3.7092, 3.9724



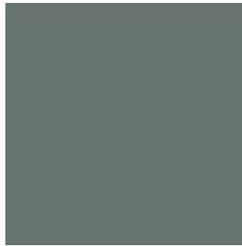
8.1990, 4.2133, 0.9904



39.7461, 20.4486, 3.7266

Previews

White Background



This preview shows how the XYZ color 14.8762, 16.5893, 18.3376 looks on a white background.

Color Contrast Check

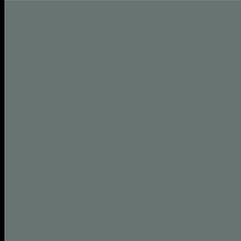
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8762, 16.5893, 18.3376 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

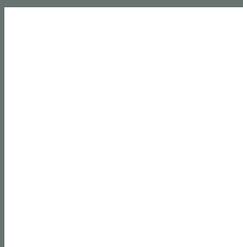
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8762, 16.5893, 18.3376

Background



This preview shows how black text looks on a background with the XYZ color 14.8762, 16.5893, 18.3376.



This preview shows how white text looks on a background with the XYZ color 14.8762, 16.5893,

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

14.8762, 16.5893, 18.3376

Protanopia

15.9000, 16.6249, 17.7001

Deuteranopia

16.8388, 16.6006, 18.5364



Tritanopia

15.5945, 16.7200, 21.4741

Trichromacy



Original Color

14.8762, 16.5893, 18.3376

Protanomaly

15.5535, 16.6064, 18.0084

Deuteranomaly

16.0911, 16.5391, 18.5639

Tritanomaly

15.2298, 16.5606, 20.1631

Monochromacy



Original Color

14.8762, 16.5893, 18.3376

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1924, 16.2537, 17.9593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8762, 16.5893, 18.3376 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, 116, 114)` looks like.

```
.text, #text, p{  
    color:rgb(103, 116, 114)  
}
```

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, 116, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 116, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.8762, 16.5893, 18.3376 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, 116, 114) }
```

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

```
.border{ border-color:rgb(103, 116, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 116, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 116, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 116, 114);  
box-shadow:4px 4px 4px 4px rgb(103, 116,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8762, 16.5893, 18.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 116, 114) }
```

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

```
.background{ background-color: rgb(103,  
116, 114) }
```

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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