

Converting Colors

XYZ(14.0343, 15.3156, 18.4363)

Have a look what the booklet for
XYZ(14.0343, 15.3156, 18.4363)
contains.

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Color

**XYZ(14.0345, 15.3160,
18.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	646F73
RGB	100, 111, 115
RGB Percent	39%, 44%, 45%
CMY	0.6078, 0.5647, 0.5490
CMYK	0.13, 0.03, 0.00, 0.55
HSL	196°, 7%, 42%
HSV	196°, 13%, 45%
XYZ	14.0345, 15.3160, 18.4362
YIQ	108.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

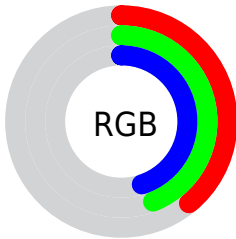
Format	Color
R_{YB}	100, 106, 115
Decimal	6582131
CIE _{Lab}	46.06, -3.24, -3.64
CIE _{LCh}	46, 4.874, 228.297
Yxy	15.3160, 0.2937, 0.3205
Android (android.graphics.Color)	4284772211 (0xFF646F73)
YUV	108.1670, 3.3687, -7.1625
Hunter-Lab	39.1357, -4.4752, -0.5356

Details

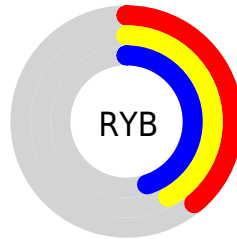
The XYZ color **14.0345, 15.3160, 18.4362** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3209, 14.4656, 14.0943**, and the grayscale version is **14.2935, 15.0379, 16.3763**.

A 20% lighter version of the original color is **32.8347, 35.5637, 41.6931**, and **4.2588, 4.7171, 5.9962** is the 20% darker color. If you saturate the color by 10%, you get **12.5226, 14.0489, 18.2716**, and if you desaturate by 10%, it is **15.7384, 16.6999, 18.6138**.

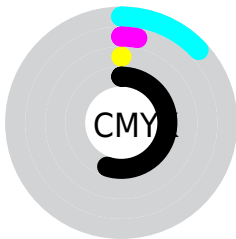
Distribution



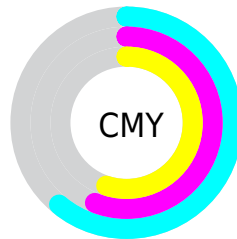
- Red (39%)
- Green (44%)
- Blue (45%)



- Red (39%)
- Yellow (42%)
- Blue (45%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0345, 15.3160, 18.4362 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 14.0345, 15.3160, 18.4362 by changing the saturation by 10% instead.

■ 14.0345, 15.3160,
18.4362

■ 14.0345, 15.3160,
18.4362

210.9517,
225.2710, 255.6365

■ 8.2265, 9.0415,
11.0909

■ 32.7360, 35.4066,
41.6031

■ 4.2933, 4.7682,
6.0131

■ 46.3602, 49.9914,
58.2619

■ 1.8693, 2.1119,
2.7841

■ 63.3206, 68.1152,
78.8622

■ 0.5589, 0.6713,
0.9855

■ 83.9824, 90.1622,
103.8227

■ 0.0000, 0.0000,
0.0000

108.7111,
116.5169, 133.5618

137.8719,

147.5637, 168.4981

171.8303,
183.6869, 209.0502

■ 14.0345, 15.3160,
18.4362

■ 14.0345, 15.3160,
18.4362

■ 12.5226, 14.0489,
18.2716

■ 15.7384, 16.6999,
18.6138

■ 11.1937, 12.8926,
18.1184

■ 17.6400, 18.2026,
18.8036

■ 10.0402, 11.8435,
17.9767

■ 19.7466, 19.8283,
19.0063

■ 9.0532, 10.8967,
17.8460

■ 22.0647, 21.5806,
19.2224

■ 8.2233, 10.0473,
17.7258

■ 24.6004, 23.4627,
19.4520

7.5398, 9.2895,
17.6155

27.3596, 25.4779,
19.6956

6.9908, 8.6170,
17.5146

30.3479, 27.6293,
19.9533

6.5608, 8.0217,
17.4224

33.5709, 29.9197,
20.2256

6.2918, 7.6323,
17.3614

37.0337, 32.3522,
20.5126

Harmonies

Analogous

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



13.8150, 15.3160, 17.4021



14.0345, 15.3160, 18.4362



14.3966, 15.3160, 19.0087

Triad

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



14.0345, 15.3160, 18.4362



15.3504, 15.3160, 17.1430



14.3090, 15.3160, 14.6054

Complementary

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



14.0345, 15.3160, 18.4362



14.3209, 14.4656, 14.0943

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.



14.7194, 15.3160, 14.5434



14.0345, 15.3160, 18.4362



15.3259, 15.3160, 15.9714

Square

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



14.0345, 15.3160, 18.4362



15.1595, 15.3160, 18.2388



15.0931, 15.3160, 15.0325



13.9714, 15.3160, 15.2061

Rectangle

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



14.0345, 15.3160, 18.4362



14.6725, 15.3160, 19.0344



15.0931, 15.3160, 15.0325



14.4429, 15.3160, 14.5219

Sweetspot

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



14.0349, 15.3166, 18.4365



27.8416, 29.6309, 33.2964



13.8726, 15.9655, 15.3810



6.5938, 7.0302, 7.9384



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.



14.0349, 15.3166, 18.4365



24.1797, 26.6376, 32.9117



13.2756, 13.7979, 18.1834



3.7047, 3.9980, 4.6667



7.1747, 8.6891, 19.8416



34.2322, 40.8810, 96.4469

Inverse Universe

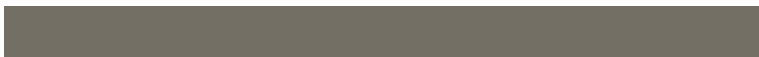
The Inverse Universe completely reimagines the original color for something new.



14.4970, 13.9073, 16.9599



25.2065, 23.5600, 29.6179



15.0825, 15.9887, 14.3482



3.7870, 3.7421, 4.4049



9.9186, 4.9012, 10.0455



47.9656, 23.7363, 47.0096

Previews

White Background



This preview shows how the XYZ color 14.0345, 15.3160, 18.4362 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 14.0345, 15.3160, 18.4362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

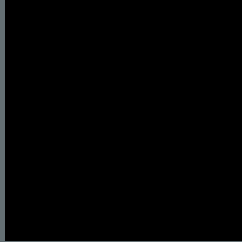
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

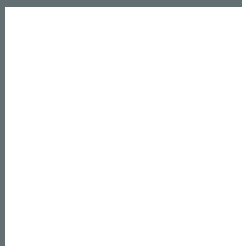
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0345, 15.3160, 18.4362

Background



This preview shows how black text looks on a background with the XYZ color 14.0345, 15.3160, 18.4362.



This preview shows how white text looks on a background with the XYZ color 14.0345, 15.3160,

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

14.0345, 15.3160, 18.4362

Protanopia

14.7736, 15.2324, 17.7843

Deuteranopia

15.5089, 15.2820, 18.6553



Tritanopia

14.2725, 15.2505, 19.6442

Trichromacy



Original Color

14.0345, 15.3160, 18.4362

Protanomaly

14.4498, 15.2164, 18.0951

Deuteranomaly

14.9454, 15.3011, 18.6887

Tritanomaly

14.2128, 15.2266, 19.3295

Monochromacy



Original Color

14.0345, 15.3160, 18.4362

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1636, 15.0882, 17.2047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0345, 15.3160, 18.4362 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(100, 111, 115)` looks like.

```
.text, #text, p{  
    color:rgb(100, 111, 115)  
}
```

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(100, 111, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 111, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.0345, 15.3160, 18.4362 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(100, 111, 115) }
```


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

```
.border{ border-color:rgb(100, 111, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 111, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 111, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 111, 115);  
box-shadow:4px 4px 4px 4px rgb(100, 111,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0345, 15.3160, 18.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 111, 115) }
```

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

```
.background{ background-color: rgb(100,  
111, 115) }
```

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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