

Converting Colors

XYZ(14.4438, 17.0266, 6.3662)

Have a look what the booklet for
XYZ(14.4438, 17.0266, 6.3662)
contains.

XYZ(14.4194, 16.9653, 6.3855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4194, 16.9653,
6.3855)**

Conversions

Conversions Part 1

Format	Color
Hex	747639
RGB	116, 118, 57
RGB Percent	45%, 46%, 22%
CMY	0.5451, 0.5372, 0.7765
CMYK	0.02, 0.00, 0.52, 0.54
HSL	62°, 35%, 34%
HSV	62°, 52%, 46%
XYZ	14.4194, 16.9653, 6.3855
YIQ	110.4480, 18.3890, -19.3950

Conversions

Conversions Part 2

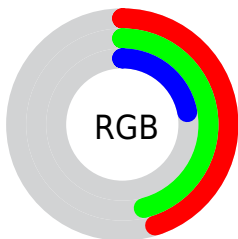
Format	Color
RYB	57, 118, 59
Decimal	7632441
CIELab	48.22, -10.13, 33.01
CIELCh	48, 34.532, 107.050
Yxy	16.9653, 0.3818, 0.4492
Android (android.graphics.Color)	4285822521 (0xFF747639)
YUV	110.4480, -26.3499, 4.8691
Hunter-Lab	41.1890, -9.5915, 19.6406

Details

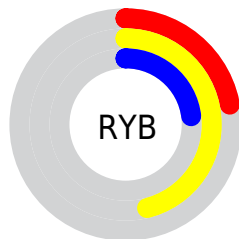
The XYZ color **14.4194, 16.9653, 6.3855** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.5374, 5.1644, 17.7929**, and the grayscale version is **15.0201, 15.8023, 17.2087**.

A 20% lighter version of the original color is **33.3384, 38.2251, 19.2567**, and **4.4862, 5.5583, 1.0949** is the 20% darker color. If you saturate the color by 10%, you get **14.1074, 16.8352, 5.0089**, and if you desaturate by 10%, it is **14.8009, 17.1245, 8.1233**.

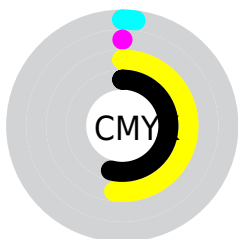
Distribution



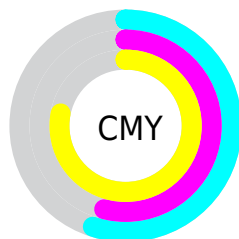
- Red (45%)
- Green (46%)
- Blue (22%)



- Red (22%)
- Yellow (46%)
- Blue (23%)



- Cyan (2%)
- Magenta (0%)
- Yellow (52%)
- Black (54%)



- Cyan (55%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4194, 16.9653, 6.3855 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 14.4194, 16.9653, 6.3855 by changing the saturation by 10% instead.

■ 14.4194, 16.9653,
6.3855

■ 14.4194, 16.9653,
6.3855

213.2834,
234.9723, 171.8877

■ 8.4966, 10.2098,
3.0083

■ 33.4114, 38.2661,
19.2172

■ 4.4688, 5.5383,
1.0989

■ 47.2114, 53.5802,
29.5089

■ 1.9706, 2.5664,
0.0000

■ 64.3678, 72.5158,
42.9425

■ 0.6174, 0.9098,
0.0000

■ 85.2459, 95.4575,
59.9365

■ 0.0000, 0.0000,
0.0000

■ 110.2112,
122.7896, 80.9094

■ 139.6289,

154.8965, 106.2800

173.8645,
192.1626, 136.4665

■ 14.4194, 16.9653,
6.3855

■ 14.4194, 16.9653,
6.3855

■ 14.1074, 16.8352,
5.0089

■ 14.8009, 17.1245,
8.1233

■ 13.8588, 16.7298,
3.9672

■ 15.2551, 17.3121,
10.2441

■ 13.6686, 16.6479,
3.2319

■ 15.7862, 17.5306,
12.7694

■ 13.5305, 16.5868,
2.7698

■ 16.3981, 17.7814,
15.7186

■ 13.4348, 16.5436,
2.4851

■ 17.0942, 18.0659,
19.1101

■ 17.8777, 18.3854,
22.9608

■ 18.7517, 18.7411,
27.2871

■ 19.7192, 19.1342,
32.1045

■ 20.7830, 19.5659,
37.4277

Harmonies

Analogous

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



17.5156, 16.9653, 6.2291



14.4194, 16.9653, 6.3855



12.0987, 16.9653, 9.0211

Triad

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



14.4194, 16.9653, 6.3855



12.3526, 16.9653, 34.2313



22.7507, 16.9653, 22.6226

Complementary

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



14.4194, 16.9653, 6.3855



6.5374, 5.1644, 17.7929

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.



20.9581, 16.9653, 32.9288



14.4194, 16.9653, 6.3855



14.8100, 16.9653, 40.9555

Square

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



14.4194, 16.9653, 6.3855



11.0160, 16.9653, 24.0178



17.9601, 16.9653, 40.4137



22.6104, 16.9653, 13.8538

Rectangle

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



14.4194, 16.9653, 6.3855



11.1816, 16.9653, 12.5193



17.9601, 16.9653, 40.4137



22.3453, 16.9653, 26.0646

Sweetspot

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



14.4198, 16.9661, 6.3859



28.3074, 31.0490, 25.1031



9.7242, 7.1752, 4.7435



6.4699, 7.1229, 5.5863



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.



14.4198, 16.9661, 6.3859



24.7149, 29.5624, 8.4252



11.1000, 15.2547, 6.2305



3.9553, 4.2604, 3.9562



14.5316, 17.8957, 2.6883



70.6667, 87.1318, 13.0936

Inverse Universe

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



6.5374, 5.1644, 17.7929



9.2102, 6.3404, 30.8754



8.8072, 6.3346, 17.8991



3.5107, 3.5951, 4.5991



3.5880, 1.4410, 18.6316



17.3424, 6.9488, 90.7875

Previews

White Background



This preview shows how the XYZ color 14.4194, 16.9653, 6.3855 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 14.4194, 16.9653, 6.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

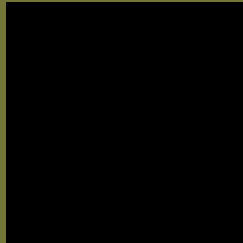
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4194, 16.9653, 6.3855

Background



This preview shows how black text looks on a background with the XYZ color 14.4194, 16.9653, 6.3855.



This preview shows how white text looks on a background with the XYZ color 14.4194, 16.9653,

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

14.4194, 16.9653, 6.3855

Protanopia

15.5969, 17.0590, 6.2121

Deuteranopia

17.0733, 16.8285, 6.4860



Tritanopia

17.2430, 16.9359, 20.1295

Trichromacy



Original Color

14.4194, 16.9653, 6.3855

Protanomaly

15.1276, 16.9873, 6.2229

Deuteranomaly

15.9180, 16.7191, 6.3911

Tritanomaly

15.9207, 16.8908, 13.7304

Monochromacy



Original Color

14.4194, 16.9653, 6.3855

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4755, 16.0103, 12.2249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4194, 16.9653, 6.3855 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(116, 118, 57)` looks like.

```
.text, #text, p{  
    color:rgb(116, 118, 57)  
}
```

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(116, 118, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 118, 57) }
```

Border

The CSS property to change the border of an element to XYZ 14.4194, 16.9653, 6.3855 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(116, 118, 57) }
```


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

```
.border{ border-color:rgb(116, 118, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 118, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 118, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 118, 57);  
box-shadow:4px 4px 4px 4px rgb(116, 118,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4194, 16.9653, 6.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 118, 57) }
```

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

```
.background{ background-color: rgb(116,  
118, 57) }
```

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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