

Converting Colors

XYZ(14.3027, 15.9828, 6.1149)

Have a look what the booklet for
XYZ(14.3027, 15.9828, 6.1149)
contains.

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Color

**XYZ(14.3647, 16.0888,
6.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	787138
RGB	120, 113, 56
RGB Percent	47%, 44%, 22%
CMY	0.5294, 0.5569, 0.7804
CMYK	0.00, 0.06, 0.53, 0.53
HSL	53°, 36%, 35%
HSV	53°, 53%, 47%
XYZ	14.3647, 16.0888, 6.0897
YIQ	108.5950, 22.4690, -16.2430

Conversions

Conversions Part 2

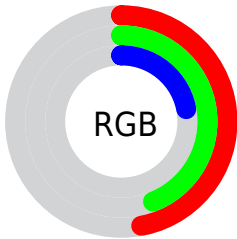
Format	Color
RYB	64, 120, 56
Decimal	7893304
CIELab	47.09, -5.61, 32.29
CIELCh	47, 32.776, 99.858
Yxy	16.0888, 0.3931, 0.4403
Android (android.graphics.Color)	4286083384 (0xFF787138)
YUV	108.5950, -25.9293, 10.0022
Hunter-Lab	40.1108, -6.2687, 19.0761

Details

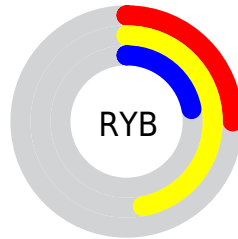
The XYZ color **14.3647, 16.0888, 6.0897** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.7986, 5.7518, 18.5213**, and the grayscale version is **14.4880, 15.2425, 16.5991**.

A 20% lighter version of the original color is **33.4605, 36.9289, 18.7290**, and **4.3938, 5.0655, 1.0046** is the 20% darker color. If you saturate the color by 10%, you get **13.9606, 15.6952, 4.6767**, and if you desaturate by 10%, it is **14.8421, 16.5163, 7.8748**.

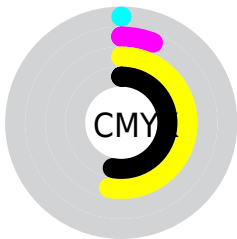
Distribution



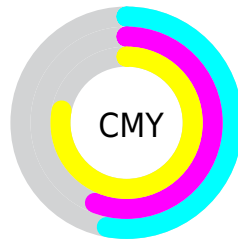
- Red (47%)
- Green (44%)
- Blue (22%)



- Red (25%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (6%)
- Yellow (53%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3647, 16.0888, 6.0897 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 14.3647, 16.0888, 6.0897 by changing the saturation by 10% instead.

■ 14.3647, 16.0888,
6.0897

■ 14.3647, 16.0888,
6.0897

212.9535,
229.8651, 169.2029

■ 8.4581, 9.5870,
2.8300

■ 33.3156, 36.7523,
18.5977

■ 4.4437, 5.1260,
1.0085

■ 47.0907, 51.6828,
28.6830

■ 1.9561, 2.3214,
0.0000

■ 64.2194, 70.1917,
41.8807

■ 0.6091, 0.7850,
0.0000

■ 85.0670, 92.6633,
58.6093

■ 0.0000, 0.0000,
0.0000

■ 109.9988,
119.4820, 79.2872

■ 139.3803,

151.0323, 104.3331

173.5767,
187.6986, 134.1655

■ 14.3647, 16.0888,
6.0897

■ 14.3647, 16.0888,
6.0897

■ 13.9606, 15.6952,
4.6767

■ 14.8421, 16.5163,
7.8748

■ 13.6234, 15.3312,
3.6078

■ 15.3963, 16.9773,
10.0552

■ 13.3478, 14.9951,
2.8527

■ 16.0318, 17.4742,
12.6535

■ 13.1264, 14.6841,
2.3722

■ 16.7526, 18.0087,
15.6902

■ 12.9910, 14.4835,
2.1109

■ 17.5623, 18.5822,
19.1846

■ 18.4644, 19.1961,
23.1547

■ 19.4621, 19.8517,
27.6176

■ 20.5585, 20.5503,
32.5896

■ 21.7565, 21.2930,
38.0861

Harmonies

Analogous

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



17.2760, 16.0888, 6.4602



14.3647, 16.0888, 6.0897



12.0150, 16.0888, 7.9570

Triad

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



14.3647, 16.0888, 6.0897



11.4281, 16.0888, 29.7525



21.0925, 16.0888, 23.5563

Complementary

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



14.3647, 16.0888, 6.0897



6.7986, 5.7518, 18.5213

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.



19.1163, 16.0888, 32.7022



14.3647, 16.0888, 6.0897



13.4658, 16.0888, 36.9870

Square

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



14.3647, 16.0888, 6.0897



10.4656, 16.0888, 20.3713



16.2582, 16.0888, 38.2094



21.4120, 16.0888, 14.9444

Rectangle

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



14.3647, 16.0888, 6.0897



10.9914, 16.0888, 10.7087



16.2582, 16.0888, 38.2094



20.5892, 16.0888, 26.7335

Sweetspot

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



14.3651, 16.0895, 6.0900



29.0605, 31.3791, 25.8779



10.0704, 7.1857, 5.6277



6.8374, 7.3999, 5.9230



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.3651, 16.0895, 6.0900



24.4115, 27.4573, 7.7543



12.1984, 16.1766, 6.2210



4.2721, 4.5627, 4.2800



14.1661, 15.7881, 2.3008



67.1921, 74.5477, 10.8477

Inverse Universe

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



6.7986, 5.7518, 18.5213



9.5937, 7.2262, 32.1422



8.1580, 5.9134, 18.4809



3.8297, 3.9577, 5.0052



3.8510, 1.7844, 19.5268



18.0480, 7.8686, 93.0373

Previews

White Background



This preview shows how the XYZ color 14.3647, 16.0888, 6.0897 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 14.3647, 16.0888, 6.0897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

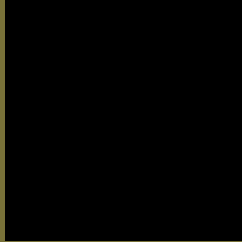
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3647, 16.0888, 6.0897

Background



This preview shows how black text looks on a background with the XYZ color 14.3647, 16.0888, 6.0897.



This preview shows how white text looks on a background with the XYZ color 14.3647, 16.0888,

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

14.3647, 16.0888, 6.0897

Protanopia

14.6764, 16.0848, 6.0725

Deuteranopia

16.2343, 15.9319, 6.2225



Tritanopia

16.9564, 16.1888, 18.4507

Trichromacy



Original Color

14.3647, 16.0888, 6.0897

Protanomaly

14.5340, 16.0114, 6.0659

Deuteranomaly

15.5672, 16.0580, 6.1499

Tritanomaly

15.8012, 16.0305, 12.8511

Monochromacy



Original Color

14.3647, 16.0888, 6.0897

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2314, 15.4008, 11.8954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3647, 16.0888, 6.0897 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(120, 113, 56)` looks like.

```
.text, #text, p{  
    color:rgb(120, 113, 56)  
}
```

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(120, 113, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 113, 56) }
```

Border

The CSS property to change the border of an element to XYZ 14.3647, 16.0888, 6.0897 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(120, 113, 56) }
```


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

```
.border{ border-color:rgb(120, 113, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 113, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 113, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 113, 56);  
box-shadow:4px 4px 4px 4px rgb(120, 113,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3647, 16.0888, 6.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 113, 56) }
```

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

```
.background{ background-color: rgb(120,  
113, 56) }
```

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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