

Converting Colors

XYZ(14.2890, 16.5851, 28.7689)

Have a look what the booklet for
XYZ(14.2890, 16.5851, 28.7689)
contains.

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Color

**XYZ(14.3034, 16.5850,
28.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	487790
RGB	72, 119, 144
RGB Percent	28%, 47%, 56%
CMY	0.7176, 0.5333, 0.4353
CMYK	0.50, 0.17, 0.00, 0.44
HSL	201°, 33%, 42%
HSV	201°, 50%, 56%
XYZ	14.3034, 16.5850, 28.8329
YIQ	107.7970, -36.0370, -2.1890

Conversions

Conversions Part 2

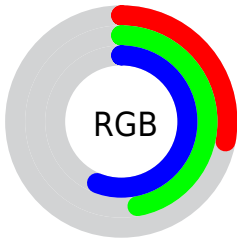
Format	Color
RYB	72, 100, 144
Decimal	4749200
CIELab	47.73, -8.76, -18.55
CIELCh	48, 20.512, 244.723
Yxy	16.5850, 0.2395, 0.2777
Android (android.graphics.Color)	4282939280 (0xFF487790)
YUV	107.7970, 17.8481, -31.3940
Hunter-Lab	40.7247, -8.5751, -13.4698

Details

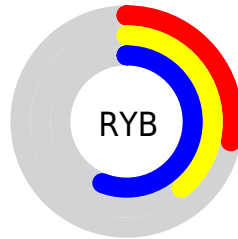
The XYZ color **14.3034, 16.5850, 28.8329** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.9465, 14.9472, 8.1235**, and the grayscale version is **14.1564, 14.8937, 16.2192**.

A 20% lighter version of the original color is **33.2134, 37.5630, 58.9259**, and **4.4547, 5.4080, 11.3987** is the 20% darker color. If you saturate the color by 10%, you get **12.7736, 14.9364, 28.5956**, and if you desaturate by 10%, it is **16.1171, 18.4271, 29.0932**.

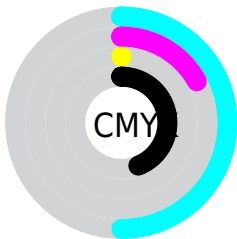
Distribution



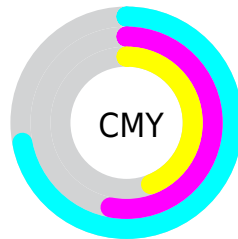
- Red (28%)
- Green (47%)
- Blue (56%)



- Red (28%)
- Yellow (39%)
- Blue (56%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (72%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3034, 16.5850, 28.8329 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 14.3034, 16.5850, 28.8329 by changing the saturation by 10% instead.

■ 14.3034, 16.5850,
28.8329

■ 14.3034, 16.5850,
28.8329

212.5833,
232.7694, 310.4619

■ 8.4151, 9.9391,
18.7100

■ 33.2082, 37.6109,
58.8505

■ 4.4157, 5.3586,
11.2862

■ 46.9554, 52.7596,
79.5822

■ 1.9399, 2.4591,
6.1431

■ 64.0529, 71.5113,
104.6873

■ 0.5999, 0.8561,
2.8621

■ 84.8662, 94.2505,
134.5843

■ 0.0000, 0.0000,
1.0247

■ 109.7605,
121.3615, 169.6917

■ 0.0000, 0.0000,
0.0000

139.1012,

153.2287, 210.4281

173.2537,
190.2365, 257.2120

■ 14.3034, 16.5850,
28.8329

■ 14.3034, 16.5850,
28.8329

■ 12.7736, 14.9364,
28.5956

■ 16.1171, 18.4271,
29.0932

■ 11.5078, 13.4693,
28.3792

■ 18.2295, 20.4701,
29.3762

■ 10.4858, 12.1730,
28.1828

■ 20.6566, 22.7231,
29.6831

■ 9.6835, 11.0343,
28.0053

■ 23.4123, 25.1940,
30.0148

■ 9.0370, 10.0194,
27.8435

■ 26.5100, 27.8904,
30.3720

■ 9.0369, 10.0192,
27.8434

■ 29.9621, 30.8194,
30.7554

■ 33.7804, 33.9875,
31.1657

■ 37.9762, 37.4012,
31.6034

■ 42.5602, 41.0668,
32.0694

Harmonies

Analogous

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



13.0358, 16.5850, 24.4527



14.3034, 16.5850, 28.8329



16.0561, 16.5850, 30.1275

Triad

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



14.3034, 16.5850, 28.8329



19.5509, 16.5850, 17.2383



13.8366, 16.5850, 10.9566

Complementary

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



14.3034, 16.5850, 28.8329



16.9465, 14.9472, 8.1235

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.



15.4746, 16.5850, 9.7387



14.3034, 16.5850, 28.8329



18.8475, 16.5850, 12.8888

Square

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



14.3034, 16.5850, 28.8329



19.1769, 16.5850, 22.7295



17.3198, 16.5850, 10.3706



12.7813, 16.5850, 14.0753

Rectangle

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



14.3034, 16.5850, 28.8329



17.2869, 16.5850, 28.8893



17.3198, 16.5850, 10.3706



14.3324, 16.5850, 10.3421

Sweetspot

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



14.3039, 16.5856, 28.8333



38.6389, 42.0730, 52.6224



14.7576, 22.1692, 14.5683



8.6534, 9.4616, 12.0424



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.3039, 16.5856, 28.8333



22.2296, 26.0081, 50.3865



10.8775, 9.7327, 27.6911



5.4048, 5.8053, 6.8644



7.8918, 8.7696, 24.2538



0.0961, 0.1252, 0.2388

Inverse Universe

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



17.1492, 11.8966, 18.8458



28.0612, 17.5353, 29.6614



20.9230, 22.9002, 9.4490



5.5478, 5.4796, 6.3826



11.7865, 5.8716, 9.7932



0.1231, 0.0603, 0.1486

Previews

White Background



This preview shows how the XYZ color 14.3034, 16.5850, 28.8329 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 14.3034, 16.5850, 28.8329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

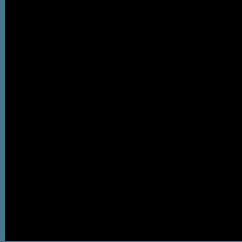
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3034, 16.5850, 28.8329

Background



This preview shows how black text looks on a background with the XYZ color 14.3034, 16.5850, 28.8329.

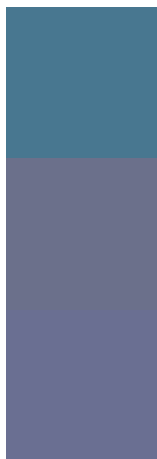


This preview shows how white text looks on a background with the XYZ color 14.3034, 16.5850,

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

14.3034, 16.5850, 28.8329

Protanopia

16.5178, 16.5782, 26.7554

Deuteranopia

16.8166, 16.5084, 29.4942



Tritanopia

13.3180, 16.5424, 23.9638

Trichromacy



Original Color

14.3034, 16.5850, 28.8329

Protanomaly

15.5545, 16.5642, 27.5767

Deuteranomaly

15.7442, 16.4586, 29.1351

Tritanomaly

13.6146, 16.4757, 25.7551

Monochromacy



Original Color

14.3034, 16.5850, 28.8329

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9647, 15.4017, 20.3260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3034, 16.5850, 28.8329 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(72, 119, 144)` looks like.

```
.text, #text, p{  
    color:rgb(72, 119, 144)  
}
```

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(72, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 119, 144) }
```

Border

The CSS property to change the border of an element to XYZ 14.3034, 16.5850, 28.8329 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(72, 119, 144) }
```


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

```
.border{ border-color:rgb(72, 119, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 119, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(72, 119, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(72, 119, 144); box-shadow:4px 4px 4px 4px rgb(72, 119, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3034, 16.5850, 28.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 119, 144) }
```

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

```
.background{ background-color: rgb(72, 119,  
144) }
```

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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