

Converting Colors

XYZ(14.0862, 14.9692, 30.8303)

Have a look what the booklet for
XYZ(14.0862, 14.9692, 30.8303)
contains.

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Color

**XYZ(14.0614, 14.8904,
30.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6E96
RGB	76, 110, 150
RGB Percent	30%, 43%, 59%
CMY	0.7020, 0.5686, 0.4118
CMYK	0.49, 0.27, 0.00, 0.41
HSL	212°, 33%, 44%
HSV	212°, 49%, 59%
XYZ	14.0614, 14.8904, 30.9872
YIQ	104.3940, -33.1040, 5.2320

Conversions

Conversions Part 2

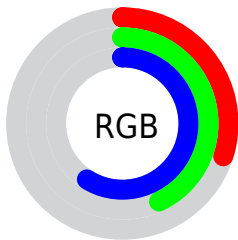
Format	Color
R_{YB}	76, 99, 150
Decimal	5009046
CIE _{Lab}	45.48, -0.57, -25.55
CIE _{LCh}	45, 25.554, 268.717
Yxy	14.8904, 0.2346, 0.2484
Android (android.graphics.Color)	4283199126 (0xFF4C6E96)
YUV	104.3940, 22.4838, -24.9015
Hunter-Lab	38.5881, -2.4842, -20.5997

Details

The XYZ color **14.0614, 14.8904, 30.9872** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **20.1279, 19.4969, 9.5403**, and the grayscale version is **13.2120, 13.9001, 15.1372**.

A 20% lighter version of the original color is **32.6972, 34.5165, 62.0658**, and **4.3181, 4.6046, 12.4656** is the 20% darker color. If you saturate the color by 10%, you get **12.1707, 12.6761, 30.6597**, and if you desaturate by 10%, it is **16.3111, 17.4091, 31.3551**.

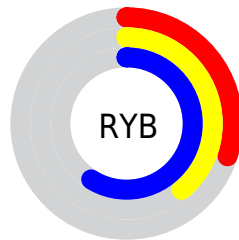
Distribution



Red (30%)

Green (43%)

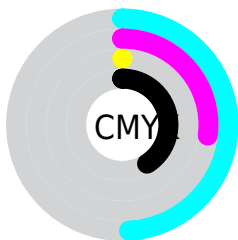
Blue (59%)



Red (30%)

Yellow (39%)

Blue (59%)

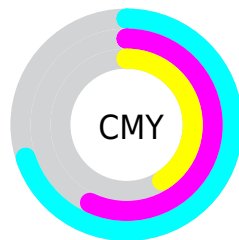


Cyan (49%)

Magenta (27%)

Yellow (0%)

Black (41%)



Cyan (70%)

Magenta (57%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0614, 14.8904, 30.9872 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 14.0614, 14.8904, 30.9872 by changing the saturation by 10% instead.

■ 14.0614, 14.8904,
30.9872

■ 14.0614, 14.8904,
30.9872

211.1154,
222.7019, 320.8287

■ 8.2454, 8.7425,
20.3307

■ 32.7833, 34.6608,
62.2993

■ 4.3055, 4.5736,
12.4492

■ 46.4199, 49.0521,
83.7919

■ 1.8764, 1.9993,
6.9241

■ 63.3940, 66.9600,
109.7337

■ 0.5630, 0.6071,
3.3370

■ 84.0710, 88.7688,
140.5432

■ 0.0000, 0.0000,
1.2692

■ 108.8163,
114.8630, 176.6389

■ 0.0000, 0.0000,
0.0363

137.9953,

■ 0.0000, 0.0000,

145.6270, 218.4394

0.0000

171.9732,
181.4452, 266.3631

■ 14.0614, 14.8904,
30.9872

■ 14.0614, 14.8904,
30.9872

■ 12.1707, 12.6761,
30.6597

■ 16.3111, 17.4091,
31.3551

■ 10.6156, 10.7503,
30.3700

■ 18.9380, 20.2439,
31.7638

■ 9.3724, 9.0976,
30.1165

■ 21.9609, 23.4077,
32.2151

■ 8.4127, 7.7001,
29.8973

■ 25.3966, 26.9120,
32.7104

■ 7.6743, 6.5218,
29.7088

■ 29.2612, 30.7678,
33.2510

■ 7.6283, 6.4485,
29.6971

■ 33.5696, 34.9855,
33.8380

■ 38.3363, 39.5751,
34.4727

■ 43.5748, 44.5461,
35.1561

■ 49.2981, 49.9078,
35.8893

Harmonies

Analogous

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



12.1316, 14.8904, 28.4396



14.0614, 14.8904, 30.9872



16.2125, 14.8904, 28.8232

Triad

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



14.0614, 14.8904, 30.9872



18.0556, 14.8904, 11.2068



10.9345, 14.8904, 10.8550

Complementary

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



14.0614, 14.8904, 30.9872



20.1279, 19.4969, 9.5403

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.



12.2755, 14.8904, 7.9509



14.0614, 14.8904, 30.9872



16.3870, 14.8904, 8.1153

Square

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



14.0614, 14.8904, 30.9872



18.6531, 14.8904, 16.4771



14.2448, 14.8904, 7.0891



10.4417, 14.8904, 15.9520

Rectangle

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



14.0614, 14.8904, 30.9872



17.4577, 14.8904, 25.2447



14.2448, 14.8904, 7.0891



11.2939, 14.8904, 9.6423

Sweetspot

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



14.0619, 14.8909, 30.9876



41.1137, 43.7318, 57.1954



17.0087, 24.5981, 20.2127



8.8622, 9.4363, 12.6391



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.0619, 14.8909, 30.9876



21.2283, 22.0690, 54.0621



11.2701, 9.0108, 29.9997



5.7059, 6.0458, 7.3360



6.3582, 5.4111, 24.6404



0.1068, 0.1241, 0.3112

Inverse Universe

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



17.9770, 12.7791, 16.2716



29.1904, 18.7669, 23.9117



24.3397, 28.5873, 11.0730



5.9050, 5.8571, 6.6058



11.3364, 5.7396, 5.2524



0.1534, 0.0761, 0.1412

Previews

White Background



This preview shows how the XYZ color 14.0614, 14.8904, 30.9872 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 14.0614, 14.8904, 30.9872 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 14.0614, 14.8904, 30.9872

Background



This preview shows how black text looks on a background with the XYZ color 14.0614, 14.8904, 30.9872.

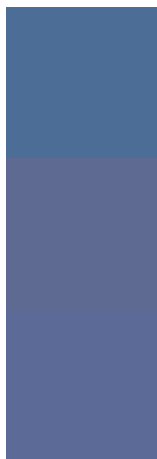


This preview shows how white text looks on a background with the XYZ color 14.0614, 14.8904,

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

14.0614, 14.8904, 30.9872

Protanopia

15.1398, 14.8475, 29.6717

Deuteranopia

15.1536, 14.8177, 31.3396



Tritanopia

12.1527, 14.9456, 21.3131

Trichromacy



Original Color

14.0614, 14.8904, 30.9872

Protanomaly

14.6275, 14.7282, 30.0889

Deuteranomaly

14.6814, 14.7282, 31.3472

Tritanomaly

12.7373, 14.8433, 24.3840

Monochromacy



Original Color

14.0614, 14.8904, 30.9872

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.2213, 14.0682, 20.1078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0614, 14.8904, 30.9872 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(76, 110, 150)` looks like.

```
.text, #text, p{  
    color:rgb(76, 110, 150)  
}
```

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(76, 110, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 110, 150) }
```

Border

The CSS property to change the border of an element to XYZ 14.0614, 14.8904, 30.9872 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(76, 110, 150) }
```


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

```
.border{ border-color:rgb(76, 110, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 110, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 110, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 110, 150);  
box-shadow:4px 4px 4px 4px rgb(76, 110,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0614, 14.8904, 30.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 110, 150) }
```

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

```
.background{ background-color: rgb(76, 110,  
150) }
```

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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