

Converting Colors

XYZ(14.9273, 14.5529, 32.4825)

Have a look what the booklet for
XYZ(14.9273, 14.5529, 32.4825)
contains.

XYZ(14.9088, 14.5110, 32.5870)	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(14.9088, 14.5110,
32.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	58699A
RGB	88, 105, 154
RGB Percent	35%, 41%, 60%
CMY	0.6549, 0.5882, 0.3961
CMYK	0.43, 0.32, 0.00, 0.40
HSL	225°, 27%, 47%
HSV	225°, 43%, 60%
XYZ	14.9088, 14.5110, 32.5870
YIQ	105.5030, -25.8610, 11.6350

Conversions

Conversions Part 2

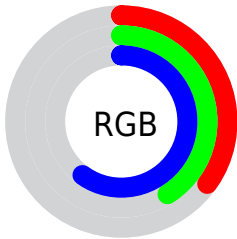
Format	Color
R _Y B	88, 102, 154
Decimal	5794202
CIE Lab	44.96, 6.91, -28.68
CIE LCh	45, 29.502, 283.540
Yxy	14.5110, 0.2404, 0.2340
Android (android.graphics.Color)	4283984282 (0xFF58699A)
YUV	105.5030, 23.9090, -15.3501
Hunter-Lab	38.0933, 3.1973, -24.0544

Details

The XYZ color **14.9088, 14.5110, 32.5870** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.0339, 25.4663, 12.8818**, and the grayscale version is **13.5063, 14.2097, 15.4743**.

A 20% lighter version of the original color is **34.3816, 34.0431, 65.0805**, and **4.6888, 4.3805, 13.4303** is the 20% darker color. If you saturate the color by 10%, you get **12.5149, 11.6630, 32.1637**, and if you desaturate by 10%, it is **17.7683, 17.8320, 33.0776**.

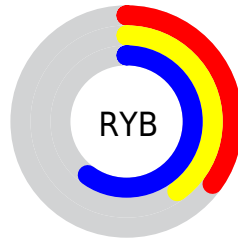
Distribution



Red (35%)

Green (41%)

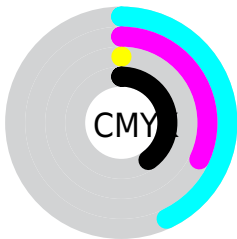
Blue (60%)



Red (35%)

Yellow (40%)

Blue (60%)

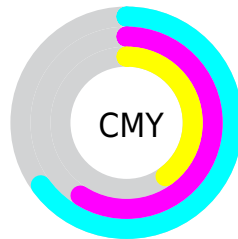


Cyan (43%)

Magenta (32%)

Yellow (0%)

Black (40%)



Cyan (65%)

Magenta (59%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9088, 14.5110, 32.5870 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 14.9088, 14.5110, 32.5870 by changing the saturation by 10% instead.

■ 14.9088, 14.5110,
32.5870

■ 14.9088, 14.5110,
32.5870

216.2129,
220.3870, 328.3594

■ 8.8413, 8.4769,
21.5417

■ 34.2661, 33.9930,
64.8388

■ 4.6941, 4.4016,
13.3255

■ 48.2866, 48.2097,
86.8823

■ 2.1018, 1.9007,
7.5197

■ 65.6888, 65.9228,
113.4291

■ 0.6902, 0.5488,
3.7058

■ 86.8380, 87.5166,
144.8975

■ 0.0000, 0.0000,
1.4654

112.0997,
113.3755, 181.7062

■ 0.0000, 0.0000,
0.1920

141.8392,

■ 0.0000, 0.0000,

143.8840, 224.2738

0.0000

176.4218,
179.4263, 273.0186

■ 14.9088, 14.5110,
32.5870

■ 14.9088, 14.5110,
32.5870

■ 12.5149, 11.6630,
32.1637

■ 17.7683, 17.8320,
33.0776

■ 10.5592, 9.2640,
31.8037

■ 21.1155, 21.6452,
33.6372

■ 9.0139, 7.2899,
31.5042

■ 24.9731, 25.9710,
34.2688

■ 7.8470, 5.7137,
31.2614

■ 29.3615, 30.8277,
34.9750

■ 7.0211, 4.5048,
31.0716

■ 34.3005, 36.2329,
35.7580

■ 6.5804, 3.8284,
30.9643

■ 39.8084, 42.2034,
36.6201

■ 45.9028, 48.7552,
37.5635

■ 52.6007, 55.9036,
38.5903

■ 59.9182, 63.6635,
39.7024

Harmonies

Analogous

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



12.5173, 14.5110, 32.3034



14.9088, 14.5110, 32.5870



17.2465, 14.5110, 27.5408

Triad

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



14.9088, 14.5110, 32.5870



17.4416, 14.5110, 8.2925



9.7993, 14.5110, 12.3218

Complementary

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



14.9088, 14.5110, 32.5870



24.0339, 25.4663, 12.8818

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.



10.8331, 14.5110, 7.9844



14.9088, 14.5110, 32.5870



15.1510, 14.5110, 6.1667

Square

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



14.9088, 14.5110, 32.5870



18.8200, 14.5110, 12.8852



12.7329, 14.5110, 6.0734



9.7506, 14.5110, 19.1243

Rectangle

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



14.9088, 14.5110, 32.5870



18.3835, 14.5110, 22.5011



12.7329, 14.5110, 6.0734



10.0372, 14.5110, 10.5820

Sweetspot

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



14.9093, 14.5115, 32.5873



45.0630, 46.8413, 62.2025



20.0529, 26.9752, 27.5921



9.8530, 10.2153, 14.0228



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.9093, 14.5115, 32.5873



23.0653, 21.5860, 58.4871



14.9624, 12.2203, 32.1423



6.0074, 6.2722, 7.8230



5.3868, 3.1702, 25.2357



0.1067, 0.0997, 0.3860

Inverse Universe

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



19.3664, 14.8699, 15.2147



32.3558, 22.8340, 22.1625



23.8982, 29.2707, 13.6233



6.2709, 6.2475, 6.8065



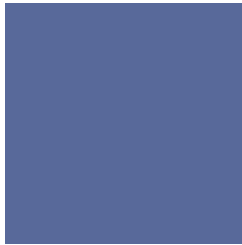
11.1778, 5.7253, 2.1951



0.1803, 0.0909, 0.1023

Previews

White Background



This preview shows how the XYZ color 14.9088, 14.5110, 32.5870 looks on a white background.

Color Contrast Check

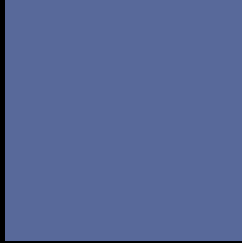
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9088, 14.5110, 32.5870 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

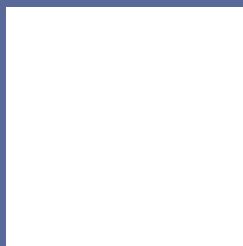
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9088, 14.5110, 32.5870

Background



This preview shows how black text looks on a background with the XYZ color 14.9088, 14.5110, 32.5870.



This preview shows how white text looks on a background with the XYZ color 14.9088, 14.5110,

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

14.9088, 14.5110, 32.5870

Protanopia

14.9995, 14.4074, 32.5622

Deuteranopia

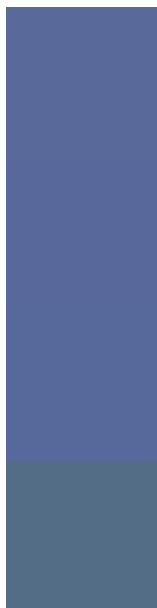
14.8148, 14.4625, 32.5826



Tritanopia

12.4698, 14.6311, 20.2560

Trichromacy



Original Color

14.9088, 14.5110, 32.5870

Protanomaly

14.9029, 14.3576, 32.5577

Deuteranomaly

14.8148, 14.4625, 32.5826

Tritanomaly

13.1820, 14.4246, 24.2798

Monochromacy



Original Color

14.9088, 14.5110, 32.5870

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8748, 14.3908, 20.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9088, 14.5110, 32.5870 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(88, 105, 154)` looks like.

```
.text, #text, p{  
    color:rgb(88, 105, 154)  
}
```

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(88, 105, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 105, 154) }
```

Border

The CSS property to change the border of an element to XYZ 14.9088, 14.5110, 32.5870 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(88, 105, 154) }
```


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

```
.border{ border-color:rgb(88, 105, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 105, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 105, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 105, 154);  
box-shadow:4px 4px 4px 4px rgb(88, 105,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9088, 14.5110, 32.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 105, 154) }
```

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

```
.background{ background-color: rgb(88, 105,  
154) }
```

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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