

Converting Colors

XYZ(14.5609, 14.4538, 30.3805)

Have a look what the booklet for
XYZ(14.5609, 14.4538, 30.3805)
contains.

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Color

**XYZ(14.5009, 14.3478,
30.4389)**

Conversions

Conversions Part 1

Format	Color
Hex	586995
RGB	88, 105, 149
RGB Percent	35%, 41%, 58%
CMY	0.6549, 0.5882, 0.4157
CMYK	0.41, 0.30, 0.00, 0.42
HSL	223°, 26%, 46%
HSV	223°, 41%, 58%
XYZ	14.5009, 14.3478, 30.4389
YIQ	104.9330, -24.2560, 10.0800

Conversions

Conversions Part 2

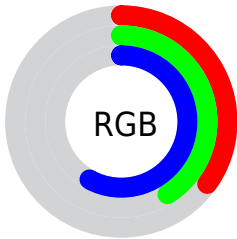
Format	Color
R_{YB}	88, 101, 149
Decimal	5794197
CIE _{Lab}	44.73, 5.41, -26.07
CIE _{LCh}	45, 26.627, 281.731
Yxy	14.3478, 0.2446, 0.2420
Android (android.graphics.Color)	4283984277 (0xFF586995)
YUV	104.9330, 21.7250, -14.8502
Hunter-Lab	37.8785, 2.0472, -21.1301

Details

The XYZ color **14.5009, 14.3478, 30.4389** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.4075, 23.5971, 12.6068**, and the grayscale version is **13.3573, 14.0530, 15.3037**.

A 20% lighter version of the original color is **33.4832, 33.6642, 61.2330**, and **4.4806, 4.3013, 12.1493** is the 20% darker color. If you saturate the color by 10%, you get **12.2057, 11.6411, 30.0377**, and if you desaturate by 10%, it is **17.2238, 17.4809, 30.9004**.

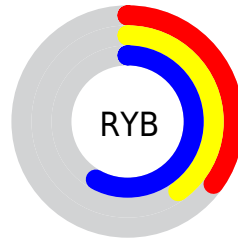
Distribution



Red (35%)

Green (41%)

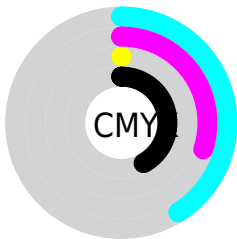
Blue (58%)



Red (35%)

Yellow (40%)

Blue (58%)

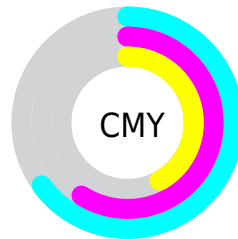


Cyan (41%)

Magenta (30%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5009, 14.3478, 30.4389 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 14.5009, 14.3478, 30.4389 by changing the saturation by 10% instead.

■ 14.5009, 14.3478,
30.4389

■ 14.5009, 14.3478,
30.4389

213.7739,
219.3839, 318.2157

■ 8.5539, 8.3630,
19.9171

■ 33.5541, 33.7049,
61.4248

■ 4.5061, 4.3281,
12.1513

■ 47.3910, 47.8459,
82.7259

■ 1.9923, 1.8587,
6.7230

■ 64.5886, 65.4745,
108.4572

■ 0.6296, 0.5234,
3.2137

■ 85.5121, 86.9750,
139.0373

■ 0.0000, 0.0000,
1.2048

110.5271,
112.7317, 174.8846

■ 0.0000, 0.0000,
0.0000

139.9988,

143.1292, 216.4178

174.2926,
178.5518, 264.0553

■ 14.5009, 14.3478,
30.4389

■ 14.5009, 14.3478,
30.4389

■ 12.2057, 11.6411,
30.0377

■ 17.2238, 17.4809,
30.9004

■ 10.3138, 9.3399,
29.6932

■ 20.3939, 21.0569,
31.4236

■ 8.8006, 7.4236,
29.4031

■ 24.0314, 25.0933,
32.0110

■ 7.6381, 5.8690,
29.1643

■ 28.1546, 29.6063,
32.6647

■ 6.7937, 4.6502,
28.9735

■ 32.7810, 34.6111,
33.3869

■ 6.2361, 3.7923,
28.8374

■ 37.9271, 40.1222,
34.1794

■ 43.6087, 46.1536,
35.0442

■ 49.8409, 52.7188,
35.9829

■ 56.6380, 59.8305,
36.9973

Harmonies

Analogous

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



12.3737, 14.3478, 29.8934



14.5009, 14.3478, 30.4389



16.5991, 14.3478, 26.3118

Triad

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



14.5009, 14.3478, 30.4389



16.9846, 14.3478, 8.9560



10.0547, 14.3478, 12.1760

Complementary

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



14.5009, 14.3478, 30.4389



22.4075, 23.5971, 12.6068

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.



11.0504, 14.3478, 8.3090



14.5009, 14.3478, 30.4389



14.9838, 14.3478, 6.8176

Square

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



14.5009, 14.3478, 30.4389



18.1312, 14.3478, 13.3222



12.8084, 14.3478, 6.6172



9.9548, 14.3478, 18.1730

Rectangle

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



14.5009, 14.3478, 30.4389



17.6406, 14.3478, 21.9743



12.8084, 14.3478, 6.6172



10.2904, 14.3478, 10.6301

Sweetspot

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



14.5014, 14.3483, 30.4392



42.1377, 43.9471, 57.1830



18.9179, 25.2282, 25.6012



9.1673, 9.5504, 12.6451



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.



14.5014, 14.3483, 30.4392



22.2150, 21.2736, 53.8566



14.3062, 11.9292, 29.9826



5.6233, 5.8805, 7.3084



5.2709, 3.2366, 24.2780



0.0867, 0.0841, 0.3046

Inverse Universe

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



18.4344, 14.3895, 15.1710



30.3644, 21.8243, 22.1157



22.6275, 27.4159, 13.3323



5.8633, 5.8404, 6.3862



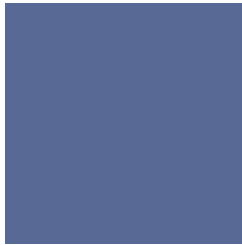
10.7876, 5.5201, 2.3625



0.1433, 0.0720, 0.0880

Previews

White Background



This preview shows how the XYZ color 14.5009, 14.3478, 30.4389 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 14.5009, 14.3478, 30.4389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

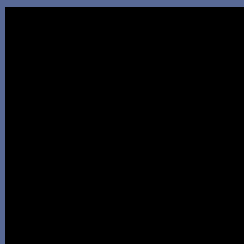
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

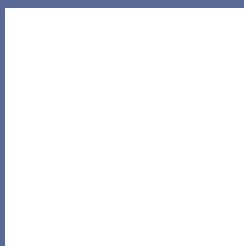
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5009, 14.3478, 30.4389

Background



This preview shows how black text looks on a background with the XYZ color 14.5009, 14.3478, 30.4389.

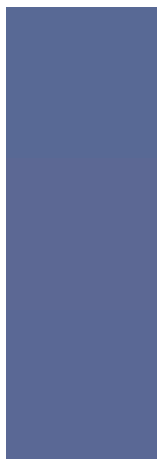


This preview shows how white text looks on a background with the XYZ color 14.5009, 14.3478,

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

14.5009, 14.3478, 30.4389

Protanopia

14.7092, 14.3141, 30.0046

Deuteranopia

14.5916, 14.2442, 30.4141



Tritanopia

12.3829, 14.4304, 19.9020

Trichromacy



Original Color

14.5009, 14.3478, 30.4389

Protanomaly

14.6100, 14.2629, 30.0000

Deuteranomaly

14.4950, 14.1944, 30.4096

Tritanomaly

13.1327, 14.4150, 23.5629

Monochromacy



Original Color

14.5009, 14.3478, 30.4389

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6484, 14.1363, 20.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5009, 14.3478, 30.4389 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(88, 105, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 105, 149) }
```

Border

The CSS property to change the border of an element to XYZ 14.5009, 14.3478, 30.4389 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, 149) }
```


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

```
.border{ border-color:rgb(88, 105, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 105, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 105, 149);  
box-shadow:4px 4px 4px 4px rgb(88, 105,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5009, 14.3478, 30.4389 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, 149) }
```

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

```
.background{ background-color: rgb(88, 105,  
149) }
```

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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