

Converting Colors

XYZ(14.4054, 14.5508, 27.6913)

Have a look what the booklet for
XYZ(14.4054, 14.5508, 27.6913)
contains.

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Color

**XYZ(14.3509, 14.4852,
27.6307)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6A8E
RGB	91, 106, 142
RGB Percent	36%, 42%, 56%
CMY	0.6431, 0.5843, 0.4431
CMYK	0.36, 0.25, 0.00, 0.44
HSL	222°, 22%, 46%
HSV	222°, 36%, 56%
XYZ	14.3509, 14.4852, 27.6307
YIQ	105.6190, -20.4960, 8.0160

Conversions

Conversions Part 2

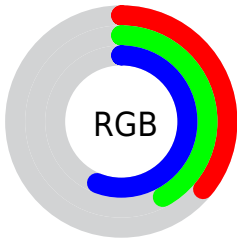
Format	Color
R_{YB}	91, 103, 142
Decimal	5991054
CIE _{Lab}	44.92, 3.66, -21.59
CIE _{LCh}	45, 21.893, 279.614
Yxy	14.4852, 0.2541, 0.2565
Android (android.graphics.Color)	4284181134 (0xFF5B6A8E)
YUV	105.6190, 17.9358, -12.8209
Hunter-Lab	38.0594, 0.7022, -16.4022

Details

The XYZ color **14.3509, 14.4852, 27.6307** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.6333, 21.6852, 12.9962**, and the grayscale version is **13.5525, 14.2583, 15.5273**.

A 20% lighter version of the original color is **33.3485, 33.9391, 57.0178**, and **4.4506, 4.3929, 10.7386** is the 20% darker color. If you saturate the color by 10%, you get **12.1081, 11.8844, 27.2472**, and if you desaturate by 10%, it is **16.9804, 17.4652, 28.0676**.

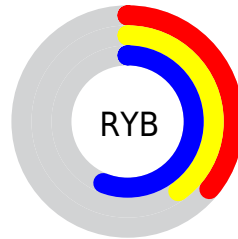
Distribution



Red (36%)

Green (42%)

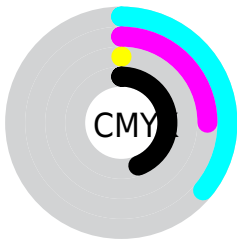
Blue (56%)



Red (36%)

Yellow (40%)

Blue (56%)

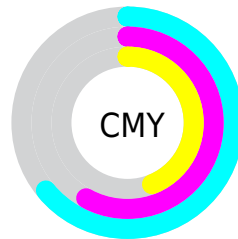


Cyan (36%)

Magenta (25%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3509, 14.4852, 27.6307 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 14.3509, 14.4852, 27.6307 by changing the saturation by 10% instead.

■ 14.3509, 14.4852,
27.6307

■ 14.3509, 14.4852,
27.6307

212.8702,
220.2287, 304.5542

■ 8.4485, 8.4589,
17.8108

■ 33.2915, 33.9475,
56.9103

■ 4.4374, 4.3900,
10.6462

■ 47.0603, 48.1523,
77.2071

■ 1.9525, 1.8940,
5.7183

■ 64.1819, 65.8520,
101.8333

■ 0.6070, 0.5448,
2.6086

■ 85.0218, 87.4311,
131.2074

■ 0.0000, 0.0000,
0.8969

109.9452,
113.2739, 165.7481

■ 0.0000, 0.0000,
0.0000

139.3175,

143.7649, 205.8737

173.5040,
179.2883, 252.0029

■ 14.3509, 14.4852,
27.6307

■ 14.3509, 14.4852,
27.6307

■ 12.1081, 11.8844,
27.2472

■ 16.9804, 17.4652,
28.0676

■ 10.2313, 9.6451,
26.9139

■ 20.0128, 20.8377,
28.5587

■ 8.7002, 7.7507,
26.6289

■ 23.4652, 24.6175,
29.1063

■ 7.4917, 6.1822,
26.3898

■ 27.3533, 28.8179,
29.7121

■ 6.5796, 4.9189,
26.1941

■ 31.6919, 33.4518,
30.3779

■ 5.9267, 3.9336,
26.0383

■ 36.4951, 38.5313,
31.1052

■ 5.7022, 3.5923,
25.9843

■ 41.7765, 44.0682,
31.8956

■ 47.5489, 50.0737,
32.7505

■ 53.8248, 56.5588,
33.6715

Harmonies

Analogous

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



12.6027, 14.4852, 26.9402



14.3509, 14.4852, 27.6307



16.0822, 14.4852, 24.6545

Triad

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



14.3509, 14.4852, 27.6307



16.5946, 14.4852, 10.2824



10.7855, 14.4852, 12.5799

Complementary

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



14.3509, 14.4852, 27.6307



20.6333, 21.6852, 12.9962

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.



11.6867, 14.4852, 9.3291



14.3509, 14.4852, 27.6307



15.0025, 14.4852, 8.2160

Square

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



14.3509, 14.4852, 27.6307



17.4497, 14.4852, 14.1815



13.2006, 14.4852, 7.9097



10.6440, 14.4852, 17.4770

Rectangle

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



14.3509, 14.4852, 27.6307



16.9571, 14.4852, 21.3049



13.2006, 14.4852, 7.9097



11.0057, 14.4852, 11.2909

Sweetspot

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



14.3514, 14.4858, 27.6310



38.0490, 39.7773, 50.8003



17.7990, 23.0950, 23.4964



8.3421, 8.7131, 11.3216



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.3514, 14.4858, 27.6310



22.0973, 21.8312, 48.1771



14.0133, 12.2140, 27.2104



5.2508, 5.4974, 6.8131



5.1342, 3.2543, 23.3346



0.0663, 0.0656, 0.2288

Inverse Universe

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



17.4983, 14.2741, 15.4691



28.5756, 21.7286, 23.0660



21.0461, 24.9910, 13.6126



5.4701, 5.4486, 5.9735



10.3946, 5.3149, 2.4633



0.1081, 0.0543, 0.0694

Previews

White Background



This preview shows how the XYZ color 14.3509, 14.4852, 27.6307 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 14.3509, 14.4852, 27.6307 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

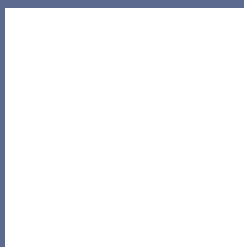
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3509, 14.4852, 27.6307

Background



This preview shows how black text looks on a background with the XYZ color 14.3509, 14.4852, 27.6307.

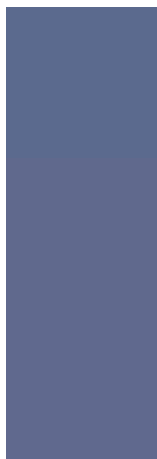


This preview shows how white text looks on a background with the XYZ color 14.3509, 14.4852,

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

14.3509, 14.4852, 27.6307

Protanopia

14.6832, 14.5130, 27.2267

Deuteranopia

14.7579, 14.5429, 27.6204



Tritanopia

12.7435, 14.4622, 19.5726

Trichromacy



Original Color

14.3509, 14.4852, 27.6307

Protanomaly

14.4754, 14.4059, 27.2170

Deuteranomaly

14.5502, 14.4358, 27.6107

Tritanomaly

13.3239, 14.5443, 22.1838

Monochromacy



Original Color

14.3509, 14.4852, 27.6307

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8506, 14.4067, 19.5035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3509, 14.4852, 27.6307 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(91, 106, 142) looks like.

```
.text, #text, p{  
    color:rgb(91, 106, 142)  
}
```

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(91, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 106, 142) }
```

Border

The CSS property to change the border of an element to XYZ 14.3509, 14.4852, 27.6307 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(91, 106, 142) }
```


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

```
.border{ border-color:rgb(91, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(91, 106,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3509, 14.4852, 27.6307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 106, 142) }
```

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

```
.background{ background-color: rgb(91, 106,  
142) }
```

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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