

Converting Colors

XYZ(15.4498, 14.6103, 33.9041)

Have a look what the booklet for
XYZ(15.4498, 14.6103, 33.9041)
contains.

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Color

**XYZ(15.4498, 14.6103,
33.9041)**

Conversions

Conversions Part 1

Format	Color
Hex	5C689D
RGB	92, 104, 157
RGB Percent	36%, 41%, 62%
CMY	0.6392, 0.5921, 0.3843
CMYK	0.41, 0.34, 0.00, 0.38
HSL	229°, 26%, 49%
HSV	229°, 41%, 62%
XYZ	15.4498, 14.6103, 33.9041
YIQ	106.4540, -24.1650, 13.9390

Conversions

Conversions Part 2

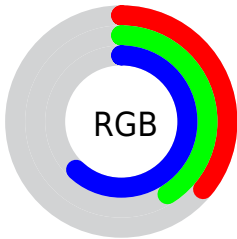
Format	Color
R_{YB}	92, 102, 157
Decimal	6056093
CIE _{Lab}	45.10, 9.53, -30.22
CIE _{LCh}	45, 31.689, 287.506
Yxy	14.6103, 0.2415, 0.2284
Android (android.graphics.Color)	4284246173 (0xFF5C689D)
YUV	106.4540, 24.9192, -12.6762
Hunter-Lab	38.2234, 5.2582, -25.8337

Details

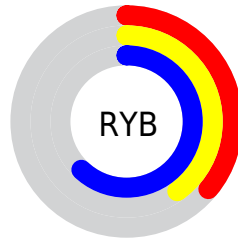
The XYZ color **15.4498, 14.6103, 33.9041** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.9624, 28.1923, 14.1992**, and the grayscale version is **13.7631, 14.4799, 15.7686**.

A 20% lighter version of the original color is **35.2821, 34.2159, 67.0321**, and **4.9274, 4.4176, 13.9576** is the 20% darker color. If you saturate the color by 10%, you get **12.8487, 11.4997, 33.4411**, and if you desaturate by 10%, it is **18.5726, 18.2808, 34.4483**.

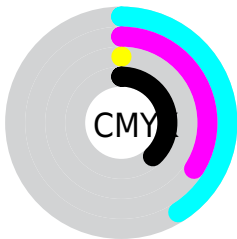
Distribution



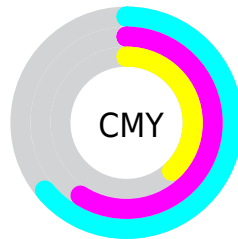
- Red (36%)
- Green (41%)
- Blue (62%)



- Red (36%)
- Yellow (40%)
- Blue (62%)



- Cyan (41%)
- Magenta (34%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4498, 14.6103, 33.9041 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 15.4498, 14.6103, 33.9041 by changing the saturation by 10% instead.

■ 15.4498, 14.6103,
33.9041

■ 15.4498, 14.6103,
33.9041

219.4076,
220.9952, 334.4603

■ 9.2240, 8.5463,
22.5432

■ 35.2056, 34.1681,
66.9167

■ 4.9459, 4.4465,
14.0544

■ 49.4663, 48.4307,
89.4055

■ 2.2500, 1.9263,
8.0194

■ 67.1360, 66.1949,
116.4406

■ 0.7689, 0.5641,
4.0194

■ 88.5802, 87.8453,
148.4406

■ 0.0000, 0.0000,
1.6360

114.1640,
113.7661, 185.8240

■ 0.0000, 0.0000,
0.3163

144.2530,

■ 0.0000, 0.0000,

144.3417, 229.0094

0.0000

179.2124,
179.9566, 278.4153

■ 15.4498, 14.6103,
33.9041

■ 15.4498, 14.6103,
33.9041

■ 12.8487, 11.4997,
33.4411

■ 18.5726, 18.2808,
34.4483

■ 10.7388, 8.9195,
33.0542

■ 22.2423, 22.5356,
35.0761

■ 9.0885, 6.8395,
32.7397

■ 26.4843, 27.3996,
35.7914

■ 7.8621, 5.2261,
32.4929

■ 31.3219, 32.8958,
36.5973

■ 7.0179, 4.0409,
32.3087

■ 36.7771, 39.0459,
37.4968

■ 6.5248, 3.3122,
32.1940

■ 42.8709, 45.8706,
38.4930

■ 49.6230, 53.3896,
39.5884

■ 57.0526, 61.6220,
40.7858

■ 65.1778, 70.5860,
42.0878

Harmonies

Analogous

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



12.8301, 14.6103, 34.4450



15.4498, 14.6103, 33.9041



17.9206, 14.6103, 27.7109

Triad

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



15.4498, 14.6103, 33.9041



17.5558, 14.6103, 7.4967



9.5448, 14.6103, 12.9998

Complementary

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



15.4498, 14.6103, 33.9041



25.9624, 28.1923, 14.1992

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.



10.5086, 14.6103, 8.0471



15.4498, 14.6103, 33.9041



14.9997, 14.6103, 5.6050

Square

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



15.4498, 14.6103, 33.9041



19.2372, 14.6103, 11.9686



12.4327, 14.6103, 5.7686



9.6334, 14.6103, 20.6292

Rectangle

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



15.4498, 14.6103, 33.9041



19.0523, 14.6103, 22.0575



12.4327, 14.6103, 5.7686



9.7509, 14.6103, 11.0232

Sweetspot

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



15.4503, 14.6108, 33.9045



46.7585, 48.3026, 63.9856



21.5052, 28.4033, 30.7350



10.0826, 10.3929, 14.0450



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.



15.4503, 14.6108, 33.9045



23.1952, 20.8178, 59.9224



16.5322, 13.5014, 33.6333



6.3789, 6.6236, 8.3490



5.3202, 2.7320, 26.1542



0.1190, 0.0967, 0.4756

Inverse Universe

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



20.2310, 15.8225, 15.0850



33.0940, 23.7164, 20.8679



24.3879, 30.2478, 14.6790



6.6806, 6.6652, 7.1692



11.4836, 5.8980, 1.5318



0.2174, 0.1103, 0.0909

Previews

White Background



This preview shows how the XYZ color 15.4498, 14.6103, 33.9041 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 15.4498, 14.6103, 33.9041 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

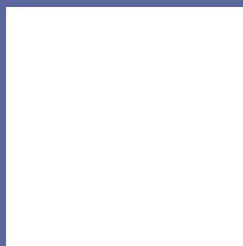
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4498, 14.6103, 33.9041

Background



This preview shows how black text looks on a background with the XYZ color 15.4498, 14.6103, 33.9041.

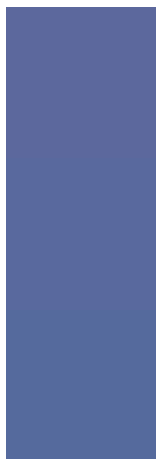


This preview shows how white text looks on a background with the XYZ color 15.4498, 14.6103,

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

15.4498, 14.6103, 33.9041

Protanopia

15.3430, 14.6956, 34.3756

Deuteranopia

14.9861, 14.6737, 33.9407



Tritanopia

12.6419, 14.5639, 19.9141

Trichromacy



Original Color

15.4498, 14.6103, 33.9041

Protanomaly

15.4396, 14.7454, 34.3802

Deuteranomaly

15.1619, 14.6122, 33.9196

Tritanomaly

13.4340, 14.3970, 24.2612

Monochromacy



Original Color

15.4498, 14.6103, 33.9041

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1201, 14.3505, 21.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4498, 14.6103, 33.9041 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(92, 104, 157)` looks like.

```
.text, #text, p{  
    color:rgb(92, 104, 157)  
}
```

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(92, 104, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 104, 157) }
```

Border

The CSS property to change the border of an element to XYZ 15.4498, 14.6103, 33.9041 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(92, 104, 157) }
```


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

```
.border{ border-color:rgb(92, 104, 157) }
```

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

Here you see how a box with a 4 pixel rgb(92, 104, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 104, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 104, 157);  
box-shadow:4px 4px 4px 4px rgb(92, 104,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4498, 14.6103, 33.9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 104, 157) }
```

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

```
.background{ background-color: rgb(92, 104,  
157) }
```

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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