

Converting Colors

XYZ(15.1896, 14.3825, 33.8742)

Have a look what the booklet for
XYZ(15.1896, 14.3825, 33.8742)
contains.

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Color

**XYZ(15.1525, 14.3085,
33.8615)**

Conversions

Conversions Part 1

Format	Color
Hex	5A679D
RGB	90, 103, 157
RGB Percent	35%, 40%, 62%
CMY	0.6470, 0.5961, 0.3843
CMYK	0.43, 0.34, 0.00, 0.38
HSL	228°, 27%, 48%
HSV	228°, 43%, 62%
XYZ	15.1525, 14.3085, 33.8615
YIQ	105.2690, -25.0820, 14.0380

Conversions

Conversions Part 2

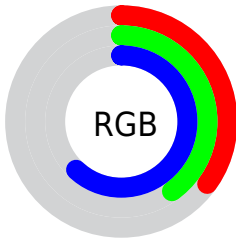
Format	Color
R _Y B	90, 101, 157
Decimal	5924765
CIE Lab	44.67, 9.60, -30.89
CIE LCh	45, 32.351, 287.255
Yxy	14.3085, 0.2393, 0.2260
Android (android.graphics.Color)	4284114845 (0xFF5A679D)
YUV	105.2690, 25.5034, -13.3909
Hunter-Lab	37.8266, 5.3067, -26.5965

Details


The XYZ color **15.1525, 14.3085, 33.8615** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.7238, 27.8533, 13.6939**, and the grayscale version is **13.4385, 14.1383, 15.3966**.

A 20% lighter version of the original color is **34.7670, 33.7043, 66.9605**, and **4.7633, 4.2603, 13.9359** is the 20% darker color. If you saturate the color by 10%, you get **12.6189, 11.2734, 33.4095**, and if you desaturate by 10%, it is **18.2002, 17.8919, 34.3928**.

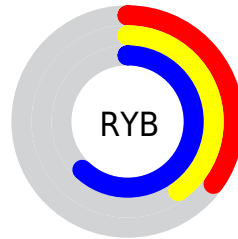
Distribution



 Red (35%)

 Green (40%)

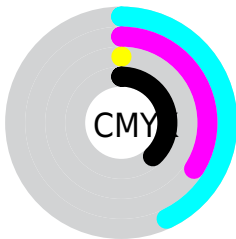
 Blue (62%)




 Red (35%)

 Yellow (40%)

 Blue (62%)

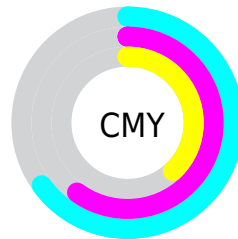


 Cyan (43%)

 Magenta (34%)

 Yellow (0%)

 Black (38%)



 Cyan (65%)

 Magenta (60%)

 Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1525, 14.3085, 33.8615 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 15.1525, 14.3085, 33.8615 by changing the saturation by 10% instead.

■ 15.1525, 14.3085,
33.8615

■ 15.1525, 14.3085,
33.8615

217.6575,
219.1417, 334.2643

■ 9.0135, 8.3355,
22.5107

■ 34.6900, 33.6354,
66.8497

■ 4.8072, 4.3104,
14.0308

■ 48.8191, 47.7582,
89.3241

■ 2.1682, 1.8487,
8.0031

■ 66.3424, 65.3663,
116.3436

■ 0.7259, 0.5172,
4.0091

■ 87.6251, 86.8442,
148.3265

■ 0.0000, 0.0000,
1.6303

113.0326,
112.5763, 185.6915

■ 0.0000, 0.0000,
0.3123

142.9303,

■ 0.0000, 0.0000,

142.9470, 228.8572

0.0000

177.6835,
178.3407, 278.2419

■ 15.1525, 14.3085,
33.8615

■ 15.1525, 14.3085,
33.8615

■ 12.6189, 11.2734,
33.4095

■ 18.2002, 17.8919,
34.3928

■ 10.5687, 8.7575,
33.0319

■ 21.7872, 22.0477,
35.0059

■ 8.9707, 6.7311,
32.7250

■ 25.9388, 26.8004,
35.7045

■ 7.7885, 5.1608,
32.4842

■ 30.6781, 32.1726,
36.4916

■ 6.9804, 4.0086,
32.3044

■ 36.0272, 38.1857,
37.3703

■ 6.5619, 3.3864,
32.2064

■ 42.0068, 44.8600,
38.3434

■ 48.6368, 52.2151,
39.4137

■ 55.9360, 60.2695,
40.5836

■ 63.9225, 69.0412,
41.8558

Harmonies

Analogous

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



12.5165, 14.3085, 34.3579



15.1525, 14.3085, 33.8615



17.6532, 14.3085, 27.5936

Triad

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



15.1525, 14.3085, 33.8615



17.3211, 14.3085, 7.1928



9.2472, 14.3085, 12.6034

Complementary

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



15.1525, 14.3085, 33.8615



25.7238, 27.8533, 13.6939

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.



10.2199, 14.3085, 7.6841



15.1525, 14.3085, 33.8615



14.7439, 14.3085, 5.3063

Square

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



15.1525, 14.3085, 33.8615



19.0115, 14.3085, 11.6733



12.1570, 14.3085, 5.4512



9.3269, 14.3085, 20.2724

Rectangle

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



15.1525, 14.3085, 33.8615



18.8056, 14.3085, 21.8628



12.1570, 14.3085, 5.4512



9.4561, 14.3085, 10.6326

Sweetspot

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



15.1530, 14.3090, 33.8618



45.9964, 47.4759, 63.8662



21.2774, 28.2894, 30.5649



9.7662, 10.0418, 13.9939



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.



15.1530, 14.3090, 33.8618



22.8843, 20.5348, 59.8842



16.1854, 13.0687, 33.5680



6.3838, 6.6333, 8.3506



5.3511, 2.7938, 26.1645



0.1206, 0.0998, 0.4761

Inverse Universe

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



20.0094, 15.4603, 14.7620



32.8542, 23.3037, 20.5823



24.2030, 30.1624, 14.2198



6.6831, 6.6661, 7.1821



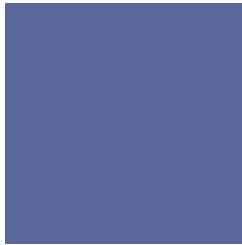
11.4992, 5.9042, 1.6139



0.2182, 0.1106, 0.0951

Previews

White Background



This preview shows how the XYZ color 15.1525, 14.3085, 33.8615 looks on a white background.

Color Contrast Check

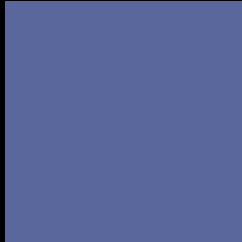
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1525, 14.3085, 33.8615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

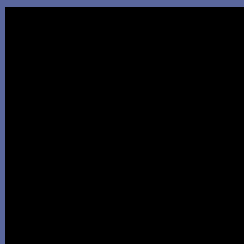
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

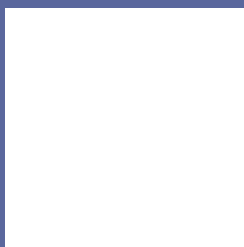
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1525, 14.3085, 33.8615

Background



This preview shows how black text looks on a background with the XYZ color 15.1525, 14.3085, 33.8615.



This preview shows how white text looks on a background with the XYZ color 15.1525, 14.3085,

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

15.1525, 14.3085, 33.8615

Protanopia

15.0523, 14.3955, 34.3330

Deuteranopia

14.7047, 14.3765, 33.8982



Tritanopia

12.3225, 14.4063, 19.5840

Trichromacy



Original Color

15.1525, 14.3085, 33.8615

Protanomaly

15.1464, 14.4440, 34.3374

Deuteranomaly

14.8739, 14.3134, 33.8771

Tritanomaly

13.2524, 14.3034, 24.2527

Monochromacy



Original Color

15.1525, 14.3085, 33.8615

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8439, 14.0652, 21.0540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1525, 14.3085, 33.8615 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(90, 103, 157)` looks like.

```
.text, #text, p{  
    color:rgb(90, 103, 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(90, 103, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 103, 157) }
```

Border

The CSS property to change the border of an element to XYZ 15.1525, 14.3085, 33.8615 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(90, 103, 157) }
```


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

```
.border{ border-color:rgb(90, 103, 157) }
```

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

Here you see how a box with a 4 pixel rgb(90, 103, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 103, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 103, 157);  
box-shadow:4px 4px 4px 4px rgb(90, 103,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1525, 14.3085, 33.8615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 103, 157) }
```

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

```
.background{ background-color: rgb(90, 103,  
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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