

Converting Colors

XYZ(15.0194, 13.8611, 24.8055)

Have a look what the booklet for
XYZ(15.0194, 13.8611, 24.8055)
contains.

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Color

**XYZ(15.0194, 13.8611,
24.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6387
RGB	108, 99, 135
RGB Percent	42%, 39%, 53%
CMY	0.5765, 0.6118, 0.4706
CMYK	0.20, 0.27, 0.00, 0.47
HSL	255°, 15%, 46%
HSV	255°, 27%, 53%
XYZ	15.0194, 13.8611, 24.8055
YIQ	105.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

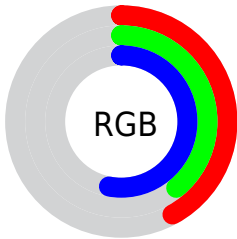
Format	Color
R_{YB}	108, 99, 135
Decimal	7103367
CIE _{Lab}	44.03, 11.55, -18.64
CIE _{LCh}	44, 21.935, 301.788
Yxy	13.8611, 0.2798, 0.2582
Android (android.graphics.Color)	4285293447 (0xFF6C6387)
YUV	105.7950, 14.3981, 1.9338
Hunter-Lab	37.2305, 6.8565, -13.4417

Details

The XYZ color **15.0194, 13.8611, 24.8055** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.5206, 22.6647, 15.1508**, and the grayscale version is **13.6070, 14.3156, 15.5897**.

A 20% lighter version of the original color is **34.4807, 32.9171, 52.1133**, and **4.7312, 4.0725, 9.1310** is the 20% darker color. If you saturate the color by 10%, you get **12.6851, 10.9155, 24.3602**, and if you desaturate by 10%, it is **17.7114, 17.3092, 25.3294**.

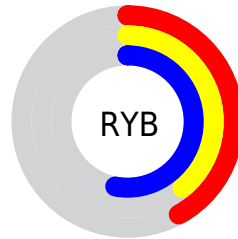
Distribution



Red (42%)

Green (39%)

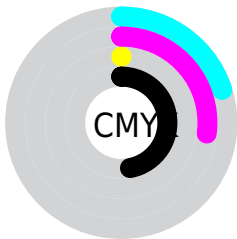
Blue (53%)



Red (42%)

Yellow (39%)

Blue (53%)

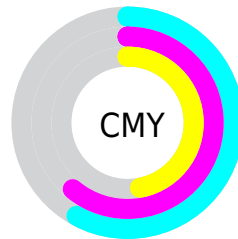


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0194, 13.8611, 24.8055 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 15.0194, 13.8611, 24.8055 by changing the saturation by 10% instead.

■ 15.0194, 13.8611,
24.8055

■ 15.0194, 13.8611,
24.8055

216.8697,
216.3650, 290.2845

■ 8.9194, 8.0241,
15.7145

■ 34.4586, 32.8424,
52.3017

■ 4.7453, 4.1104,
9.1702

■ 48.5285, 46.7554,
71.5440

■ 2.1318, 1.7355,
4.7540

■ 65.9857, 64.1293,
95.0072

■ 0.7064, 0.4465,
2.0475

■ 87.1957, 85.3485,
123.1097

■ 0.0000, 0.0000,
0.5842

112.5237,
110.7972, 156.2702

■ 0.0000, 0.0000,
0.0000

142.3351,

140.8599, 194.9071

176.9953,
175.9211, 239.4390

■ 15.0194, 13.8611,
24.8055

■ 15.0194, 13.8611,
24.8055

■ 12.6851, 10.9155,
24.3602

■ 17.7114, 17.3092,
25.3294

■ 10.6918, 8.4469,
23.9888

■ 20.7744, 21.2804,
25.9345

■ 9.0231, 6.4303,
23.6875

■ 24.2225, 25.7958,
26.6243

■ 7.6610, 4.8373,
23.4518

■ 28.0686, 30.8754,
27.4020

■ 6.5853, 3.6367,
23.2767

■ 32.3252, 36.5376,
28.2706

■ 5.7735, 2.7923,
23.1565

■ 37.0040, 42.8005,
29.2329

■ 5.1896, 2.2427,
23.0812

■ 42.1165, 49.6809,
30.2915

■ 5.0247, 2.0851,
23.0595

■ 47.6734, 57.1953,
31.4490

■ 53.6854, 65.3595,
32.7080

Harmonies

Analogous

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



13.2794, 13.8611, 26.8575



15.0194, 13.8611, 24.8055



16.3529, 13.8611, 20.0979

Triad

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



15.0194, 13.8611, 24.8055



14.8227, 13.8611, 8.1179



10.1016, 13.8611, 15.3937

Complementary

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



15.0194, 13.8611, 24.8055



19.5206, 22.6647, 15.1508

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.



10.4373, 13.8611, 10.9957



15.0194, 13.8611, 24.8055



13.0703, 13.8611, 7.3900

Square

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



15.0194, 13.8611, 24.8055



16.2324, 13.8611, 10.5812



11.4873, 13.8611, 8.3175



10.5271, 13.8611, 20.7320

Rectangle

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



15.0194, 13.8611, 24.8055



16.7765, 13.8611, 16.5048



11.4873, 13.8611, 8.3175



10.1290, 13.8611, 13.7629

Sweetspot

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



15.0199, 13.8617, 24.8058



36.3286, 36.9704, 46.2696



16.9800, 19.3240, 25.7568



8.2345, 8.3294, 10.6801



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.0199, 13.8617, 24.8058



24.2928, 21.5261, 43.9229



17.4396, 15.1091, 24.9191



4.5356, 4.5967, 5.8489



4.6443, 1.9284, 21.2641



0.0220, 0.0097, 0.0739

Inverse Universe

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



18.2198, 15.5814, 21.7862



31.0775, 25.1764, 37.3452



17.1009, 21.4173, 15.0376



4.8095, 4.7435, 5.6090



11.3964, 5.6229, 11.9257



0.0424, 0.0206, 0.0567

Previews

White Background



This preview shows how the XYZ color 15.0194, 13.8611, 24.8055 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 15.0194, 13.8611, 24.8055 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 15.0194, 13.8611, 24.8055

Background



This preview shows how black text looks on a background with the XYZ color 15.0194, 13.8611, 24.8055.



This preview shows how white text looks on a background with the XYZ color 15.0194, 13.8611,

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

15.0194, 13.8611, 24.8055

Protanopia

14.0538, 13.9152, 25.9899

Deuteranopia

14.0915, 13.8206, 24.4792



Tritanopia

13.4838, 13.8134, 17.2848

Trichromacy



Original Color

15.0194, 13.8611, 24.8055

Protanomaly

14.4123, 13.9615, 25.6021

Deuteranomaly

14.4362, 13.8534, 24.4674

Tritanomaly

13.9672, 13.8621, 19.7088

Monochromacy



Original Color

15.0194, 13.8611, 24.8055

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1245, 14.1106, 18.8088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0194, 13.8611, 24.8055 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(108, 99, 135)` looks like.

```
.text, #text, p{  
    color:rgb(108, 99, 135)  
}
```

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(108, 99, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 99, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.0194, 13.8611, 24.8055 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(108, 99, 135) }
```


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

```
.border{ border-color:rgb(108, 99, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 99, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 99, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 99, 135);  
box-shadow:4px 4px 4px 4px rgb(108, 99,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0194, 13.8611, 24.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 99, 135) }
```

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

```
.background{ background-color: rgb(108, 99,  
135) }
```

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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