

Converting Colors

XYZ(15.9080, 10.8720, 24.1181)

Have a look what the booklet for
XYZ(15.9080, 10.8720, 24.1181)
contains.

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Color

**XYZ(15.8614, 10.8308,
24.1762)**

Conversions

Conversions Part 1

Format	Color
Hex	834587
RGB	131, 69, 135
RGB Percent	51%, 27%, 53%
CMY	0.4863, 0.7294, 0.4706
CMYK	0.03, 0.49, 0.00, 0.47
HSL	296°, 32%, 40%
HSV	296°, 49%, 53%
XYZ	15.8614, 10.8308, 24.1762
YIQ	95.0620, 15.7660, 33.6700

Conversions

Conversions Part 2

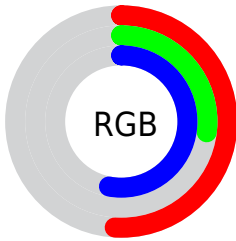
Format	Color
R_{YB}	131, 69, 135
Decimal	8603015
CIE _{Lab}	39.29, 36.94, -25.77
CIE _{LCh}	39, 45.044, 325.097
Yxy	10.8308, 0.3118, 0.2129
Android (android.graphics.Color)	4286793095 (0xFF834587)
YUV	95.0620, 19.6894, 31.5176
Hunter-Lab	32.9102, 28.4371, -20.5180

Details

The XYZ color **15.8614, 10.8308, 24.1762** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.4861, 19.1743, 8.6736**, and the grayscale version is **10.8441, 11.4088, 12.4242**.

A 20% lighter version of the original color is **35.9094, 27.4214, 51.5443**, and **5.0970, 2.7839, 8.8630** is the 20% darker color. If you saturate the color by 10%, you get **14.9975, 9.2900, 23.9245**, and if you desaturate by 10%, it is **16.9160, 12.7510, 24.4914**.

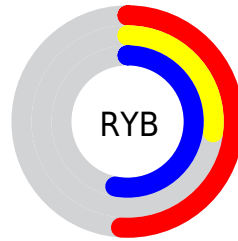
Distribution



Red (51%)

Green (27%)

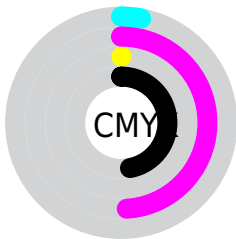
Blue (53%)



Red (51%)

Yellow (27%)

Blue (53%)

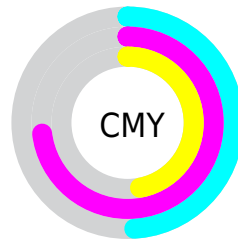


Cyan (3%)

Magenta (49%)

Yellow (0%)

Black (47%)



Cyan (49%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8614, 10.8308, 24.1762 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 15.8614, 10.8308, 24.1762 by changing the saturation by 10% instead.

■ 15.8614, 10.8308,
24.1762

■ 15.8614, 10.8308,
24.1762

221.8090,
196.5030, 287.0253

■ 9.5164, 5.9532,
15.2510

■ 35.9168, 27.3469,
51.2650

■ 5.1393, 2.8166,
8.8471

■ 50.3579, 39.7541,
70.2657

■ 2.3648, 1.0368,
4.5462

■ 68.2284, 55.4400,
93.4619

■ 0.8275, 0.0000,
1.9295

■ 89.8936, 74.7889,
121.2722

■ 0.0000, 0.0000,
0.5114

■ 115.7189, 98.1853,
154.1152

■ 0.0000, 0.0000,
0.0000

146.0697,

126.0135, 192.4093

181.3112,
158.6580, 236.5732

■ 15.8614, 10.8308,
24.1762

■ 15.8614, 10.8308,
24.1762

■ 14.9975, 9.2900,
23.9245

■ 16.9160, 12.7510,
24.4914

■ 14.3101, 8.1012,
23.7313

■ 18.1720, 15.0726,
24.8733

■ 13.7851, 7.2356,
23.5918

■ 19.6406, 17.8179,
25.3258

■ 13.4055, 6.6592,
23.5006

■ 21.3317, 21.0068,
25.8522

■ 13.1287, 6.2871,
23.4434

■ 23.2548, 24.6581,
26.4556

■ 13.0988, 6.2475,
23.4373

■ 25.4187, 28.7896,
27.1390

■ 27.8318, 33.4180,
27.9052

■ 30.5021, 38.5594,
28.7569

■ 33.4373, 44.2289,
29.6965

Harmonies

Analogous

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



12.9737, 10.8308, 34.3313



15.8614, 10.8308, 24.1762



17.2734, 10.8308, 13.2800

Triad

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



15.8614, 10.8308, 24.1762



10.8013, 10.8308, 1.7482



5.8618, 10.8308, 20.3988

Complementary

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



15.8614, 10.8308, 24.1762



12.4861, 19.1743, 8.6736

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.



5.5053, 10.8308, 10.4212



15.8614, 10.8308, 24.1762



8.0119, 10.8308, 2.2085

Square

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



15.8614, 10.8308, 24.1762



14.0082, 10.8308, 2.7099



6.2112, 10.8308, 4.5811



7.3028, 10.8308, 31.5001

Rectangle

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



15.8614, 10.8308, 24.1762



17.0204, 10.8308, 7.9530



6.2112, 10.8308, 4.5811



5.6249, 10.8308, 16.7044

Sweetspot

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



15.8618, 10.8313, 24.1764



36.2012, 33.8434, 45.6728



9.2367, 7.8328, 23.9468



8.2591, 7.6031, 10.5386



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.



15.8618, 10.8313, 24.1764



26.6620, 16.2936, 42.7881



14.7425, 10.4565, 14.9867



4.8308, 4.7489, 5.8628



12.0827, 5.7630, 21.6122



0.0440, 0.0210, 0.0750

Inverse Universe

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



13.3227, 9.8886, 7.5102



21.6102, 14.4333, 8.9357



13.3043, 19.4677, 14.5134



4.6832, 4.6930, 4.9439



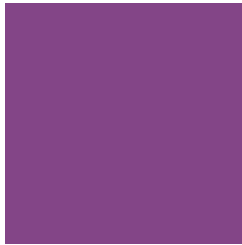
9.2568, 4.7671, 0.6585



0.0328, 0.0168, 0.0060

Previews

White Background



This preview shows how the XYZ color 15.8614, 10.8308, 24.1762 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 15.8614, 10.8308, 24.1762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

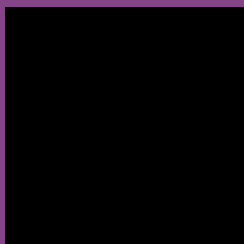
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8614, 10.8308, 24.1762

Background



This preview shows how black text looks on a background with the XYZ color 15.8614, 10.8308, 24.1762.



This preview shows how white text looks on a background with the XYZ color 15.8614, 10.8308,

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

15.8614, 10.8308, 24.1762

Protanopia

11.9577, 11.0442, 32.0734

Deuteranopia

11.2321, 10.9985, 23.0036



Tritanopia

13.1202, 10.9330, 10.4356

Trichromacy



Original Color

15.8614, 10.8308, 24.1762

Protanomaly

12.6741, 10.5172, 28.9658

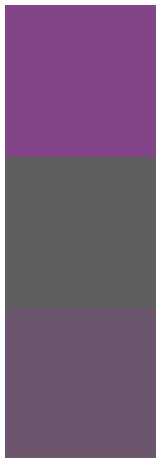
Deuteranomaly

12.4808, 10.6592, 23.2294

Tritanomaly

13.9050, 10.8193, 14.4522

Monochromacy



Original Color

15.8614, 10.8308, 24.1762

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.3266, 10.9695, 16.2195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8614, 10.8308, 24.1762 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(131, 69, 135)` looks like.

```
.text, #text, p{  
    color:rgb(131, 69, 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(131, 69, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 69, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.8614, 10.8308, 24.1762 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(131, 69, 135) }
```


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

```
.border{ border-color:rgb(131, 69, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 69, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 69, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 69, 135);  
box-shadow:4px 4px 4px 4px rgb(131, 69,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8614, 10.8308, 24.1762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 69, 135) }
```

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

```
.background{ background-color: rgb(131, 69,  
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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