

Converting Colors

XYZ(24.2818, 15.5280, 1.7462)

Have a look what the booklet for
XYZ(24.2818, 15.5280, 1.7462)
contains.

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Color

**XYZ(24.2608, 15.4858,
1.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	C24301
RGB	194, 67, 1
RGB Percent	76%, 26%, 0%
CMY	0.2392, 0.7372, 0.9961
CMYK	0.00, 0.65, 0.99, 0.24
HSL	21°, 99%, 38%
HSV	21°, 99%, 76%
XYZ	24.2608, 15.4858, 1.7391
YIQ	97.4490, 96.8780, 6.3980

Conversions

Conversions Part 2

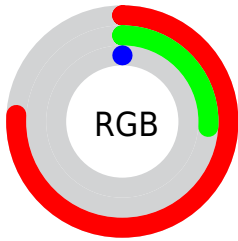
Format	Color
RYB	194, 101, 1
Decimal	12731137
CIELab	46.29, 48.67, 57.03
CIElCh	46, 74.976, 49.525
Yxy	15.4858, 0.5848, 0.3733
Android (android.graphics.Color)	4290921217 (0xFFC24301)
YUV	97.4490, -47.5494, 84.6752
Hunter-Lab	39.3520, 41.1806, 24.9262

Details

The XYZ color **24.2608, 15.4858, 1.7391** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **17.4686, 19.3385, 53.8507**, and the grayscale version is **11.5707, 12.1733, 13.2567**.

A 20% lighter version of the original color is **48.8411, 35.2402, 8.2308**, and **9.5157, 4.9055, 0.4453** is the 20% darker color. If you saturate the color by 10%, you get **24.2166, 15.4065, 1.6974**, and if you desaturate by 10%, it is **25.2300, 17.2254, 2.6759**.

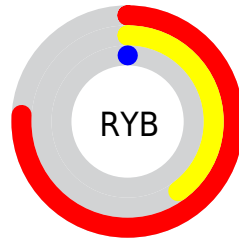
Distribution



Red (76%)

Green (26%)

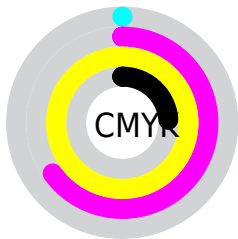
Blue (0%)



Red (76%)

Yellow (40%)

Blue (0%)

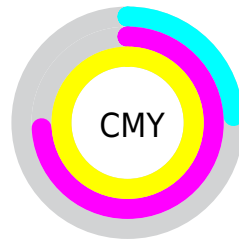


Cyan (0%)

Magenta (65%)

Yellow (99%)

Black (24%)



Cyan (24%)


Magenta (74%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2608, 15.4858, 1.7391 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 24.2608, 15.4858, 1.7391 by changing the saturation by 10% instead.


 24.2608, 15.4858,
1.7391


 24.2608, 15.4858,
1.7391


 266.5524,
226.2881, 118.1842


 15.6530, 9.1610,
0.3873


 49.9070, 35.7032,
8.3144


 9.3682, 4.8464,
0.0000


 67.6762, 50.3646,
14.4825


 5.0412, 2.1574,
0.0000

 89.2298, 68.5737,
23.1288

 2.3064, 0.6966,
0.0000

 114.9332, 90.7149,
34.6720

 0.7980, 0.0000,
0.0000


 145.1518,
117.1725, 49.5306


 0.0000, 0.0000,
0.0000


 180.2510,


148.3310, 68.1232


 220.5961,
184.5747, 90.8682


 24.2608, 15.4858,
1.7391


 24.2608, 15.4858,
1.7391

 24.2166, 15.4065,
1.6974

 25.2300, 17.2254,
2.6759

 26.5016, 19.3690,
4.3318

 28.1252, 21.9522,
6.9202

 30.1314, 25.0010,
10.5592

 32.5468, 28.5391,
15.3492

■ 35.3953, 32.5884,
21.3788

■ 38.6989, 37.1691,
28.7276

■ 42.4780, 42.3005,
37.4686

■ 46.7516, 48.0009,
47.6696

Harmonies

Analogous

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



29.6666, 15.4858, 7.5988



24.2608, 15.4858, 1.7391



17.0762, 15.4858, 0.4257

Triad

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



24.2608, 15.4858, 1.7391



5.6187, 15.4858, 11.2217



19.2363, 15.4858, 76.8434

Complementary

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



24.2608, 15.4858, 1.7391



17.4686, 19.3385, 53.8507

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.



12.5890, 15.4858, 80.8761



24.2608, 15.4858, 1.7391



5.8879, 15.4858, 31.6313

Square

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



24.2608, 15.4858, 1.7391



7.1907, 15.4858, 2.7575



8.0782, 15.4858, 60.5126



26.2315, 15.4858, 51.7390

Rectangle

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



24.2608, 15.4858, 1.7391



12.7712, 15.4858, 0.4106



8.0782, 15.4858, 60.5126



16.8549, 15.4858, 81.1656

Sweetspot

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



24.2611, 15.4867, 1.7393



69.4809, 66.4734, 50.6148



26.2659, 13.0938, 22.1452



14.6371, 13.7582, 9.7872



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



24.2611, 15.4867, 1.7393



43.6629, 27.4892, 3.0047



35.1445, 37.2535, 5.3671



10.3485, 10.6285, 10.5680



15.9909, 10.2676, 1.1390



0.7556, 0.5730, 0.0708

Inverse Universe

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



17.4686, 19.3385, 53.8507



31.2988, 34.3701, 97.4543



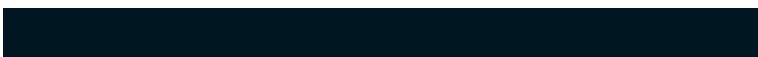
10.2987, 4.9986, 51.4607



10.0691, 10.8295, 12.8444



11.5262, 12.8088, 35.4215



0.5600, 0.6773, 1.5511

Previews

White Background



This preview shows how the XYZ color 24.2608, 15.4858, 1.7391 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 24.2608, 15.4858, 1.7391 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 24.2608, 15.4858, 1.7391

Background



This preview shows how black text looks on a background with the XYZ color 24.2608, 15.4858, 1.7391.



This preview shows how white text looks on a background with the XYZ color 24.2608, 15.4858,

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

24.2608, 15.4858, 1.7391

Protanopia

14.1229, 15.7045, 2.9487

Tritanopia

25.2117, 15.4407, 6.8058

Trichromacy



Original Color

24.2608, 15.4858, 1.7391

Protanomaly

16.5593, 14.6030, 2.3267

Tritanomaly

24.7570, 15.4361, 3.8651

Monochromacy



Original Color

24.2608, 15.4858, 1.7391

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

13.7130, 11.9089, 6.1333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2608, 15.4858, 1.7391 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(194, 67, 1)` looks like.

```
.text, #text, p{  
    color:rgb(194, 67, 1)  
}
```

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(194, 67, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 67, 1) }
```

Border

The CSS property to change the border of an element to XYZ 24.2608, 15.4858, 1.7391 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(194, 67, 1) }
```

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

```
.border{ border-color:rgb(194, 67, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 67, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 67, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 67, 1);  
box-shadow:4px 4px 4px 4px rgb(194, 67, 1)  
}
```


Background

The CSS property to change the background color of an element to XYZ 24.2608, 15.4858, 1.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 67, 1) }
```

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

```
.background{ background-color: rgb(194, 67,  
1) }
```

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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