

Converting Colors

XYZ(24.1255, 13.2870, 1.2931)

Have a look what the booklet for
XYZ(24.1255, 13.2870, 1.2931)
contains.

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Color

**XYZ(24.1252, 13.2862,
1.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	C72200
RGB	199, 34, 0
RGB Percent	78%, 13%, 0%
CMY	0.2196, 0.8666, 1.0000
CMYK	0.00, 0.83, 1.00, 0.22
HSL	10°, 100%, 39%
HSV	10°, 100%, 78%
XYZ	24.1252, 13.2862, 1.2929
YIQ	79.4590, 109.2540, 24.4060

Conversions

Conversions Part 2

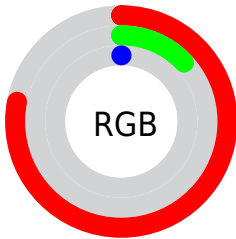
Format	Color
R_{YB}	199, 41, 0
Decimal	13050368
CIE _{Lab}	43.19, 61.44, 56.43
CIE _{LCh}	43, 83.421, 42.563
Yxy	13.2862, 0.6233, 0.3433
Android (android.graphics.Color)	4291240448 (0xFFC72200)
YUV	79.4590, -39.1733, 104.8375
Hunter-Lab	36.4502, 54.3553, 23.4121

Details

The XYZ color **24.1252, 13.2862, 1.2929** 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 **23.7606, 31.0272, 58.7689**, and the grayscale version is **7.5802, 7.9749, 8.6847**.

A 20% lighter version of the original color is **46.1805, 30.0757, 6.8612**, and **9.9917, 5.1509, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **24.1255, 13.2870, 1.2931**, and if you desaturate by 10%, it is **24.8411, 14.5177, 2.1501**.

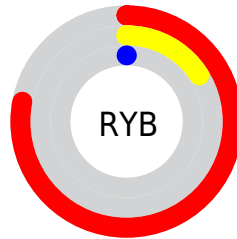
Distribution



Red (78%)

Green (13%)

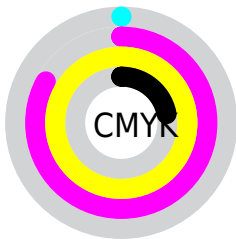
Blue (0%)



Red (78%)

Yellow (16%)

Blue (0%)

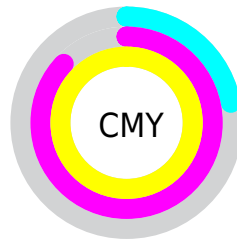


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (22%)



Cyan (22%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1252, 13.2862, 1.2929 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 24.1252, 13.2862, 1.2929 by changing the saturation by 10% instead.


 24.1252, 13.2862,
1.2929


 24.1252, 13.2862,
1.2929


 265.8816,
212.7438, 110.1955


 15.5518, 7.6259,
0.0560


 49.6876, 31.8170,
6.9975

 9.2964, 3.8565,
0.0000


 67.4073, 45.4563,
12.5576

 4.9936, 1.5936,
0.0000

 88.9065, 62.5241,
20.4810

 2.2783, 0.3533,
0.0000

 114.5504, 83.4047,
31.1861

 0.7835, 0.0000,
0.0000


 144.7046,
108.4826, 45.0916


 0.0000, 0.0000,
0.0000


 179.7342,


138.1422, 62.6160


 220.0048,
172.7678, 84.1778


 24.1252, 13.2862,
1.2929

 24.1252, 13.2862,
1.2929


 24.1255, 13.2870,
1.2931

 24.8411, 14.5177,
2.1501

 25.9405, 16.3098,
3.7706

 27.4932, 18.7302,
6.3997

 29.5443, 21.8315,
10.1688

 32.1332, 25.6607,
15.1894

■ 35.2952, 30.2603,
21.5594

■ 39.0625, 35.6697,
29.3671

■ 43.4650, 41.9256,
38.6932

■ 48.5304, 49.0621,
49.6126

Harmonies

Analogous

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



28.9877, 13.2862, 8.0408



24.1252, 13.2862, 1.2929



16.7156, 13.2862, 0.0000

Triad

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



24.1252, 13.2862, 1.2929



4.1135, 13.2862, 6.2271



15.5186, 13.2862, 84.0666

Complementary

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



24.1252, 13.2862, 1.2929



23.7606, 31.0272, 58.7689

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.



9.2680, 13.2862, 81.5677



24.1252, 13.2862, 1.2929



3.9858, 13.2862, 23.6359

Square

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



24.1252, 13.2862, 1.2929



5.9660, 13.2862, 0.9106



5.5254, 13.2862, 54.1744



22.9963, 13.2862, 59.4839

Rectangle

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



24.1252, 13.2862, 1.2929



12.0823, 13.2862, 0.0000



5.5254, 13.2862, 54.1744



13.1901, 13.2862, 86.7248

Sweetspot

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



24.1255, 13.2870, 1.2931



68.0831, 62.0083, 50.7636



30.4205, 14.8890, 37.2665



13.9445, 12.3729, 9.5563



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.



24.1255, 13.2870, 1.2931



42.1255, 23.0310, 2.2252



31.8948, 28.8258, 3.8829



10.7780, 10.9251, 11.1035



15.5581, 8.6333, 0.8464



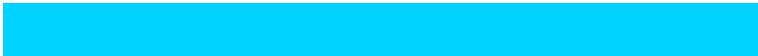
0.7834, 0.5022, 0.0556

Inverse Universe

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



23.7606, 31.0272, 58.7689



41.4462, 54.0125, 102.8487



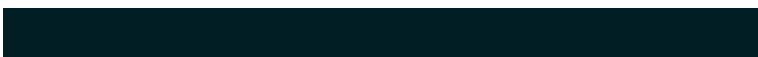
12.2764, 8.0589, 54.9408



10.7865, 11.7471, 13.6164



15.3350, 20.0640, 37.8089



0.7680, 1.0338, 1.8042

Previews

White Background



This preview shows how the XYZ color 24.1252, 13.2862, 1.2929 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



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 24.1252, 13.2862, 1.2929

Background



This preview shows how black text looks on a background with the XYZ color 24.1252, 13.2862, 1.2929.



This preview shows how white text looks on a background with the XYZ color 24.1252, 13.2862,

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

24.1252, 13.2862, 1.2929

Protanopia

12.3176, 13.6796, 2.8554

Deuteranopia

13.5736, 13.4812, 1.8867



Tritanopia

24.3040, 13.2689, 2.5085

Trichromacy



Original Color

24.1252, 13.2862, 1.2929

Protanomaly

14.7363, 11.7374, 1.9408

Deuteranomaly

16.0336, 12.0007, 1.4713

Tritanomaly

24.2146, 13.2768, 1.9025

Monochromacy



Original Color

24.1252, 13.2862, 1.2929

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

10.5216, 7.9963, 4.0065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1252, 13.2862, 1.2929 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(199, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 34, 0)  
}
```

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(199, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 34, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.1252, 13.2862, 1.2929 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(199, 34, 0) }
```


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

```
.border{ border-color:rgb(199, 34, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 34, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 34, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 34, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 34, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.1252, 13.2862, 1.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 34, 0) }
```

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

```
.background{ background-color: rgb(199, 34,  
0) }
```

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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