

Converting Colors

XYZ(24.8841, 14.6070, 2.1513)

Have a look what the booklet for
XYZ(24.8841, 14.6070, 2.1513)
contains.

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Color

**XYZ(24.9074, 14.6486,
2.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	C73414
RGB	199, 52, 20
RGB Percent	78%, 20%, 8%
CMY	0.2196, 0.7960, 0.9216
CMYK	0.00, 0.74, 0.90, 0.22
HSL	11°, 82%, 43%
HSV	11°, 90%, 78%
XYZ	24.9074, 14.6486, 2.1765
YIQ	92.3050, 97.8840, 21.2120

Conversions

Conversions Part 2

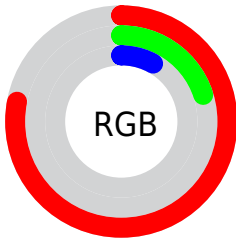
Format	Color
R _{YB}	199, 59, 20
Decimal	13054996
CIE Lab	45.15, 56.39, 51.15
CIE LCh	45, 76.133, 42.211
Yxy	14.6486, 0.5968, 0.3510
Android (android.graphics.Color)	4291245076 (0xFFC73414)
YUV	92.3050, -35.6464, 93.5715
Hunter-Lab	38.2735, 49.1846, 23.4198

Details

The XYZ color **24.9074, 14.6486, 2.1765** 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 **24.4139, 31.9055, 58.9039**, and the grayscale version is **10.3081, 10.8449, 11.8101**.

A 20% lighter version of the original color is **47.7828, 32.6269, 9.4094**, and **10.1533, 5.2342, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **24.1744, 13.3841, 1.3122**, and if you desaturate by 10%, it is **26.0228, 16.4715, 3.8064**.

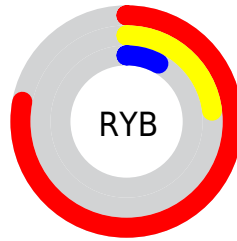
Distribution



Red (78%)

Green (20%)

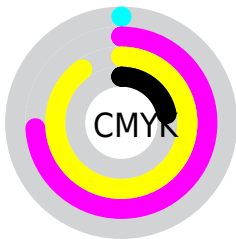
Blue (8%)



Red (78%)

Yellow (23%)

Blue (8%)

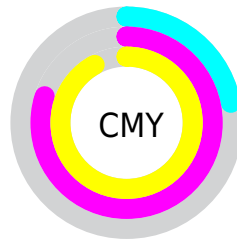


Cyan (0%)

Magenta (74%)

Yellow (90%)

Black (22%)



Cyan (22%)


Magenta (80%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9074, 14.6486, 2.1765 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 24.9074, 14.6486, 2.1765 by changing the saturation by 10% instead.


 24.9074, 14.6486,
2.1765


 24.9074, 14.6486,
2.1765


269.7326,
221.2293, 125.0599

 16.1364, 8.5731,
0.6608


 50.9509, 34.2355,
9.5180


 9.7122, 4.4638,
0.0000


 68.9542, 48.5158,
16.2115


 5.2694, 1.9363,
0.0000

 90.7657, 66.2998,
25.4783

 2.4425, 0.5700,
0.0000

 116.7506, 87.9719,
37.7368

 0.8664, 0.0000,
0.0000


 147.2744,
113.9165, 53.4058


 0.0000, 0.0000,
0.0000


 182.7025,


144.5180, 72.9036


 223.4001,
180.1608, 96.6488

 24.9074, 14.6486,
2.1765


 24.9074, 14.6486,
2.1765


 24.1744, 13.3841,
1.3122


 26.0228, 16.4715,
3.8064

 24.1714, 13.3789,
1.3084

 27.5877, 18.9150,
6.4443

 29.6469, 22.0309,
10.2214

 32.2391, 25.8648,
15.2487

 35.3989, 30.4581,
21.6240

■ 39.1581, 35.8492,
29.4355

■ 43.5460, 42.0736,
38.7636

■ 48.5900, 49.1649,
49.6829

■ 54.3157, 57.1548,
62.2630

Harmonies

Analogous

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



29.3573, 14.6486, 9.7008



24.9074, 14.6486, 2.1765



17.9439, 14.6486, 0.3741

Triad

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



24.9074, 14.6486, 2.1765



5.3050, 14.6486, 7.5511



16.6340, 14.6486, 79.1637

Complementary

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



24.9074, 14.6486, 2.1765



24.4139, 31.9055, 58.9039

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.



10.5528, 14.6486, 76.6584



24.9074, 14.6486, 2.1765



5.1468, 14.6486, 24.4314

Square

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



24.9074, 14.6486, 2.1765



7.2884, 14.6486, 1.6052



6.7624, 14.6486, 52.2494



23.7039, 14.6486, 57.6711

Rectangle

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



24.9074, 14.6486, 2.1765



13.4627, 14.6486, 0.1236



6.7624, 14.6486, 52.2494



14.3937, 14.6486, 81.3840

Sweetspot

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



24.9077, 14.6495, 2.1767



70.4188, 65.4115, 55.4522



30.9802, 15.5131, 38.9794



14.5375, 13.2385, 10.7418



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.



24.9077, 14.6495, 2.1767



42.2015, 23.1830, 2.2505



32.9601, 30.7543, 4.8609



10.7847, 10.9386, 11.1057



15.5892, 8.6955, 0.8568



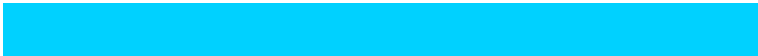
0.7864, 0.5083, 0.0567

Inverse Universe

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



24.4139, 31.9055, 58.9039



40.9483, 53.0166, 102.6828



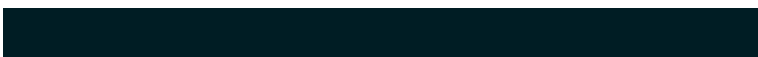
13.4415, 9.9609, 55.2465



10.7792, 11.7324, 13.6140



15.1560, 19.7058, 37.7492



0.7610, 1.0198, 1.8019

Previews

White Background



This preview shows how the XYZ color 24.9074, 14.6486, 2.1765 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 24.9074, 14.6486, 2.1765 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 24.9074, 14.6486, 2.1765

Background



This preview shows how black text looks on a background with the XYZ color 24.9074, 14.6486, 2.1765.



This preview shows how white text looks on a background with the XYZ color 24.9074, 14.6486,

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

24.9074, 14.6486, 2.1765

Protanopia

13.5222, 14.8999, 3.6021

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

25.4935, 14.7063, 4.5126

Trichromacy



Original Color

24.9074, 14.6486, 2.1765

Protanomaly

16.0938, 13.4528, 2.8470

Deuteranomaly

17.5067, 13.7269, 1.9279

Tritanomaly

25.3262, 14.7070, 3.4234

Monochromacy



Original Color

24.9074, 14.6486, 2.1765

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

12.9973, 10.5264, 6.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9074, 14.6486, 2.1765 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, 52, 20)` looks like.

```
.text, #text, p{  
    color:rgb(199, 52, 20)  
}
```

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, 52, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 52, 20) }
```

Border

The CSS property to change the border of an element to XYZ 24.9074, 14.6486, 2.1765 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, 52, 20) }
```


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

```
.border{ border-color:rgb(199, 52, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 52, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 52, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 52, 20);  
box-shadow:4px 4px 4px 4px rgb(199, 52,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9074, 14.6486, 2.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 52, 20) }
```

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

```
.background{ background-color: rgb(199, 52,  
20) }
```

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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