

Converting Colors

XYZ(24.3151, 13.0687, 1.9028)

Have a look what the booklet for
XYZ(24.3151, 13.0687, 1.9028)
contains.

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Color

**XYZ(24.3151, 13.0687,
1.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	C81A14
RGB	200, 26, 20
RGB Percent	78%, 10%, 8%
CMY	0.2157, 0.8980, 0.9216
CMYK	0.00, 0.87, 0.90, 0.22
HSL	2°, 82%, 43%
HSV	2°, 90%, 78%
XYZ	24.3151, 13.0687, 1.9028
YIQ	77.3420, 105.6300, 35.0220

Conversions

Conversions Part 2

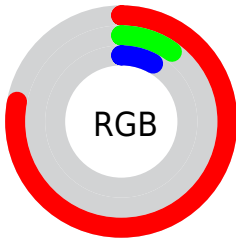
Format	Color
RYB	200, 26, 20
Decimal	13113876
CIELab	42.87, 63.67, 49.59
CIElCh	43, 80.706, 37.915
Yxy	13.0687, 0.6189, 0.3327
Android (android.graphics.Color)	4291303956 (0xFFC81A14)
YUV	77.3420, -28.2696, 107.5711
Hunter-Lab	36.1507, 56.7963, 22.1847

Details

The XYZ color **24.3151, 13.0687, 1.9028** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **30.0008, 42.8929, 61.3411**, and the grayscale version is **7.1572, 7.5300, 8.2001**.

A 20% lighter version of the original color is **46.1675, 29.4939, 8.5698**, and **10.1533, 5.2342, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **23.8919, 12.4245, 1.1390**, and if you desaturate by 10%, it is **25.1541, 14.3363, 3.4490**.

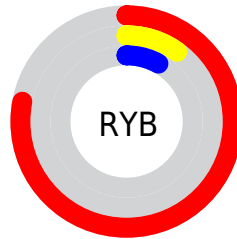
Distribution



Red (78%)

Green (10%)

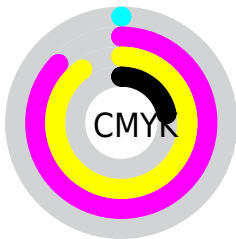
Blue (8%)



Red (78%)

Yellow (10%)

Blue (8%)

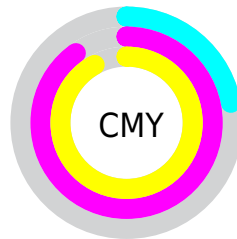


Cyan (0%)

Magenta (87%)

Yellow (90%)

Black (22%)



Cyan (22%)


Magenta (90%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3151, 13.0687, 1.9028 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 24.3151, 13.0687, 1.9028 by changing the saturation by 10% instead.


 24.3151, 13.0687,
1.9028


 24.3151, 13.0687,
1.9028


266.8207,
211.3575, 120.8487


 15.6935, 7.4759,
0.4945


 49.9949, 31.4272,
8.7733


 9.3970, 3.7614,
0.0000


 67.7837, 44.9616,
15.1448

 5.0602, 1.5410,
0.0000

 89.3591, 61.9120,
24.0318

 2.3178, 0.3173,
0.0000

 115.0863, 82.6627,
35.8529


 0.8037, 0.0000,
0.0000


 145.3307,
107.5983, 51.0266


 0.0000, 0.0000,
0.0000


 180.4577,


137.1030, 69.9714


 220.8326,
171.5613, 93.1060


 24.3151, 13.0687,
1.9028


 24.3151, 13.0687,
1.9028


 23.8919, 12.4245,
1.1390


 25.1541, 14.3363,
3.4490

 23.8918, 12.4245,
1.1389

 26.5070, 16.3499,
6.0339

 28.4387, 19.2014,
9.7969

 31.0042, 22.9688,
14.8561

 34.2523, 27.7211,
21.3150

■ 38.2270, 33.5210,
29.2666

■ 42.9685, 40.4256,
38.7962

■ 48.5142, 48.4880,
49.9825

■ 54.8990, 57.7582,
62.8988

Harmonies

Analogous

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



28.2482, 13.0687, 10.0484



24.3151, 13.0687, 1.9028



17.4321, 13.0687, 0.0000

Triad

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



24.3151, 13.0687, 1.9028



4.3574, 13.0687, 4.9022



14.1261, 13.0687, 81.2848

Complementary

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



24.3151, 13.0687, 1.9028



30.0008, 42.8929, 61.3411

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.



8.4767, 13.0687, 74.5539



24.3151, 13.0687, 1.9028



3.9917, 13.0687, 19.4344

Square

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



24.3151, 13.0687, 1.9028



6.4688, 13.0687, 0.7157



5.2207, 13.0687, 46.9412



21.2211, 13.0687, 61.3236

Rectangle

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



24.3151, 13.0687, 1.9028



12.8577, 13.0687, 0.0000



5.2207, 13.0687, 46.9412



11.9951, 13.0687, 82.2502

Sweetspot

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



24.3154, 13.0695, 1.9030



68.1990, 60.9718, 54.7123



33.8069, 16.6746, 52.4752



14.0302, 12.2238, 10.5727



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.



24.3154, 13.0695, 1.9030



41.3326, 21.4452, 1.9609



30.1909, 24.8206, 3.8615



10.6618, 10.6928, 11.0647



15.2045, 7.9262, 0.7285



0.7301, 0.3956, 0.0379

Inverse Universe

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



30.0008, 42.8929, 61.3411



51.1491, 73.4182, 106.0830



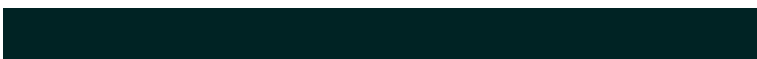
15.6641, 14.2195, 56.5622



10.9151, 12.0043, 13.6593



18.8116, 27.0170, 38.9677



0.9005, 1.2987, 1.8484

Previews

White Background



This preview shows how the XYZ color 24.3151, 13.0687, 1.9028 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 24.3151, 13.0687, 1.9028

Background



This preview shows how black text looks on a background with the XYZ color 24.3151, 13.0687, 1.9028.



This preview shows how white text looks on a background with the XYZ color 24.3151, 13.0687,

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

24.3151, 13.0687, 1.9028

Protanopia

12.2389, 13.4727, 3.6245

Deuteranopia

13.3280, 13.2165, 1.8486



Tritanopia

24.3336, 13.0761, 2.0005

Trichromacy



Original Color

24.3151, 13.0687, 1.9028

Protanomaly

14.6045, 11.2369, 2.6275

Deuteranomaly

15.8092, 11.4904, 1.5856

Tritanomaly

24.3242, 13.0723, 1.9506

Monochromacy



Original Color

24.3151, 13.0687, 1.9028

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

10.2529, 7.4492, 4.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3151, 13.0687, 1.9028 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(200, 26, 20)` looks like.

```
.text, #text, p{  
    color:rgb(200, 26, 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(200, 26, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 26, 20) }
```

Border

The CSS property to change the border of an element to XYZ 24.3151, 13.0687, 1.9028 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(200, 26, 20) }
```


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

```
.border{ border-color:rgb(200, 26, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 26, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 26, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 26, 20);  
box-shadow:4px 4px 4px 4px rgb(200, 26,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3151, 13.0687, 1.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 26, 20) }
```

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

```
.background{ background-color: rgb(200, 26,  
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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