

Converting Colors

XYZ(25.0433, 14.3013, 4.1298)

Have a look what the booklet for
XYZ(25.0433, 14.3013, 4.1298)
contains.

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Color

**XYZ(25.0433, 14.3013,
4.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	C72E2F
RGB	199, 46, 47
RGB Percent	78%, 18%, 18%
CMY	0.2196, 0.8196, 0.8157
CMYK	0.00, 0.77, 0.76, 0.22
HSL	360°, 62%, 48%
HSV	360°, 77%, 78%
XYZ	25.0433, 14.3013, 4.1298
YIQ	91.8610, 90.8670, 32.7470

Conversions

Conversions Part 2

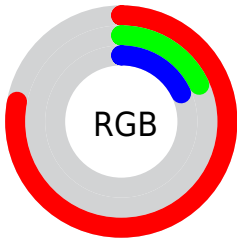
Format	Color
RYB	199, 46, 47
Decimal	13053487
CIELab	44.66, 59.07, 37.39
CIELCh	45, 69.910, 32.334
Yxy	14.3013, 0.5760, 0.3290
Android (android.graphics.Color)	4291243567 (0xFFC72E2F)
YUV	91.8610, -22.1165, 93.9609
Hunter-Lab	37.8171, 52.0268, 19.9972

Details

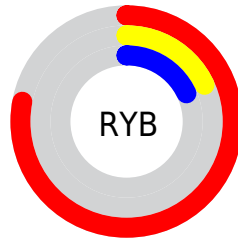
The XYZ color **25.0433, 14.3013, 4.1298** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.7448, 45.5055, 60.5427**, and the grayscale version is **10.1764, 10.7063, 11.6592**.

A 20% lighter version of the original color is **48.3120, 32.1713, 14.2530**, and **10.3220, 5.3206, 0.5117** is the 20% darker color. If you saturate the color by 10%, you get **24.1254, 12.9660, 2.2820**, and if you desaturate by 10%, it is **26.5024, 16.4306, 7.0489**.

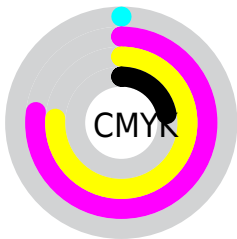
Distribution



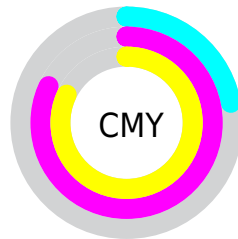
- Red (78%)
- Green (18%)
- Blue (18%)



- Red (78%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (22%)





- Cyan (22%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0433, 14.3013, 4.1298 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 25.0433, 14.3013, 4.1298 by changing the saturation by 10% instead.


 25.0433, 14.3013,
4.1298


 25.0433, 14.3013,
4.1298


270.3972,
219.0973, 149.6573


 16.2382, 8.3305,
1.6968


 51.1698, 33.6227,
14.3080


 9.7848, 4.3072,
0.3586


 69.2220, 47.7421,
22.8904

 5.3177, 1.8468,
0.0000

 91.0873, 65.3465,
34.3595

 2.4715, 0.5161,
0.0000

 117.1310, 86.8203,
49.1341

 0.8809, 0.0000,
0.0000

 147.7184,
112.5479, 67.6327

 0.0000, 0.0000,
0.0000

 183.2151,

142.9136, 90.2737

223.9862,
178.3020, 117.4757

■ 25.0433, 14.3013,
4.1298

■ 25.0433, 14.3013,
4.1298

■ 24.1254, 12.9660,
2.2820

■ 26.5024, 16.4306,
7.0489

■ 23.6614, 12.2932,
1.3399

■ 28.5675, 19.4482,
11.1674

■ 23.5601, 12.1449,
1.1394

■ 31.2953, 23.4378,
16.5960

■ 34.7357, 28.4731,
23.4327

■ 38.9339, 34.6203,
31.7661

■ 43.9313, 41.9404,
41.6777

■ 49.7664, 50.4899,
53.2429

■ 56.4750, 60.3217,
66.5324

■ 64.0910, 71.4855,
81.6128

Harmonies

Analogous

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



27.6564, 14.3013, 14.3342



25.0433, 14.3013, 4.1298



19.3098, 14.3013, 1.0575

Triad

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



25.0433, 14.3013, 4.1298



6.0426, 14.3013, 5.1075



14.0419, 14.3013, 72.2474

Complementary

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



25.0433, 14.3013, 4.1298



31.7448, 45.5055, 60.5427

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.



9.1330, 14.3013, 62.8302



25.0433, 14.3013, 4.1298



5.3501, 14.3013, 16.8785

Square

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



25.0433, 14.3013, 4.1298



8.5556, 14.3013, 1.2837



6.3050, 14.3013, 38.9554



20.2982, 14.3013, 59.6616

Rectangle

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



25.0433, 14.3013, 4.1298



15.0998, 14.3013, 0.5396



6.3050, 14.3013, 38.9554



12.1898, 14.3013, 71.5455

Sweetspot

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



25.0436, 14.3022, 4.1300



71.1060, 64.9168, 61.4433



34.1683, 17.8745, 55.6819



14.5700, 12.9434, 11.8627



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.



25.0436, 14.3022, 4.1300



41.6413, 21.8322, 2.7741



30.7576, 25.7617, 5.9373



10.6366, 10.6380, 11.0698



15.1510, 7.8100, 0.7392



0.7184, 0.3702, 0.0402

Inverse Universe

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



25.0436, 14.3022, 4.1300



41.6413, 21.8322, 2.7741



18.7766, 19.3858, 56.7848



10.6366, 10.6380, 11.0698



15.1510, 7.8100, 0.7392



0.7184, 0.3702, 0.0402

Previews

White Background



This preview shows how the XYZ color 25.0433, 14.3013, 4.1298 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 25.0433, 14.3013, 4.1298

Background



This preview shows how black text looks on a background with the XYZ color 25.0433, 14.3013, 4.1298.



This preview shows how white text looks on a background with the XYZ color 25.0433, 14.3013,

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

25.0433, 14.3013, 4.1298

Protanopia

13.4435, 14.6217, 7.2680

Deuteranopia

14.6450, 14.4213, 3.6808



Tritanopia

25.0433, 14.3013, 4.1298

Trichromacy



Original Color

25.0433, 14.3013, 4.1298

Protanomaly

15.8920, 12.9238, 5.7946

Deuteranomaly

17.2301, 13.2062, 3.6484

Tritanomaly

25.0433, 14.3013, 4.1298

Monochromacy



Original Color

25.0433, 14.3013, 4.1298

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.1807, 10.3793, 8.1462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0433, 14.3013, 4.1298 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, 46, 47)` looks like.

```
.text, #text, p{  
    color:rgb(199, 46, 47)  
}
```

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, 46, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 46, 47) }
```

Border

The CSS property to change the border of an element to XYZ 25.0433, 14.3013, 4.1298 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, 46, 47) }
```


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

```
.border{ border-color:rgb(199, 46, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 46, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 46, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 46, 47);  
box-shadow:4px 4px 4px 4px rgb(199, 46,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0433, 14.3013, 4.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 46, 47) }
```

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

```
.background{ background-color: rgb(199, 46,  
47) }
```

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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