

Converting Colors

XYZ(25.2842, 14.3683, 4.1933)

Have a look what the booklet for
XYZ(25.2842, 14.3683, 4.1933)
contains.

XYZ(25.2913, 14.3695, 4.2369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.2913, 14.3695,
4.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	C82D30
RGB	200, 45, 48
RGB Percent	78%, 18%, 19%
CMY	0.2157, 0.8235, 0.8118
CMYK	0.00, 0.77, 0.76, 0.22
HSL	359°, 63%, 48%
HSV	359°, 77%, 78%
XYZ	25.2913, 14.3695, 4.2369
YIQ	91.6870, 91.4170, 33.7930

Conversions

Conversions Part 2

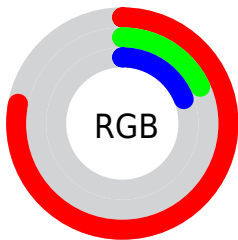
Format	Color
RYB	200, 45, 48
Decimal	13118768
CIELab	44.76, 59.71, 36.98
CIElCh	45, 70.235, 31.773
Yxy	14.3695, 0.5761, 0.3273
Android (android.graphics.Color)	4291308848 (0xFFC82D30)
YUV	91.6870, -21.5377, 94.9905
Hunter-Lab	37.9071, 52.7562, 19.9081

Details

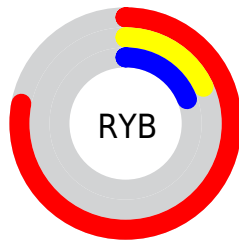
The XYZ color **25.2913, 14.3695, 4.2369** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.8161, 45.8982, 60.0122**, and the grayscale version is **10.1350, 10.6629, 11.6118**.

A 20% lighter version of the original color is **48.2559, 31.9869, 14.4572**, and **10.4977, 5.4098, 0.5771** is the 20% darker color. If you saturate the color by 10%, you get **24.3814, 13.0608, 2.3589**, and if you desaturate by 10%, it is **26.7419, 16.4739, 7.1777**.

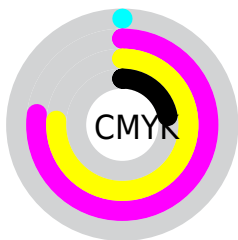
Distribution



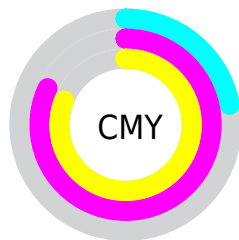
- Red (78%)
- Green (18%)
- Blue (19%)



- Red (78%)
- Yellow (18%)
- Blue (19%)



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





- Cyan (22%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2913, 14.3695, 4.2369 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 25.2913, 14.3695, 4.2369 by changing the saturation by 10% instead.


 25.2913, 14.3695,
4.2369

 25.2913, 14.3695,
4.2369


271.6065,
219.5175, 150.8232


 16.4241, 8.3781,
1.7562

 51.5689, 33.7432,
14.5525


 9.9175, 4.3378,
0.3988


 69.7100, 47.8943,
23.2245

 5.4061, 1.8643,
0.0000

 91.6731, 65.5342,
34.7974

 2.5247, 0.5268,
0.0000

 117.8236, 87.0471,
49.6896

 0.9077, 0.0000,
0.0000

 148.5269,
112.8175, 68.3198

 0.0000, 0.0000,
0.0000

 184.1482,

143.2298, 91.1064

225.0529,
178.6683, 118.4680

■ 25.2913, 14.3695,
4.2369

■ 25.2913, 14.3695,
4.2369

■ 24.3814, 13.0608,
2.3589

■ 26.7419, 16.4739,
7.1777

■ 23.9217, 12.4073,
1.3859

■ 28.7984, 19.4700,
11.3062

■ 23.8404, 12.2877,
1.2260

■ 31.5177, 23.4431,
16.7306

■ 34.9499, 28.4677,
23.5466

■ 39.1404, 34.6112,
31.8412

■ 44.1307, 41.9354,
41.6941

■ 49.9594, 50.4975,
53.1793

■ 56.6625, 60.3511,
66.3662

■ 64.2740, 71.5465,
81.3201

Harmonies

Analogous

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



27.8482, 14.3695, 14.6925



25.2913, 14.3695, 4.2369



19.5421, 14.3695, 1.0726

Triad

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



25.2913, 14.3695, 4.2369



6.0836, 14.3695, 4.9826



14.0005, 14.3695, 72.8891

Complementary

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



25.2913, 14.3695, 4.2369



31.8161, 45.8982, 60.0122

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.



9.0919, 14.3695, 62.9784



25.2913, 14.3695, 4.2369



5.3556, 14.3695, 16.6398

Square

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



25.2913, 14.3695, 4.2369



8.6504, 14.3695, 1.2440



6.2840, 14.3695, 38.7549



20.2993, 14.3695, 60.5470

Rectangle

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



25.2913, 14.3695, 4.2369



15.2914, 14.3695, 0.5354



6.2840, 14.3695, 38.7549



12.1449, 14.3695, 72.0310

Sweetspot

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



25.2916, 14.3704, 4.2371



71.1922, 64.9512, 61.8973



33.8267, 17.6277, 56.2628



14.5901, 12.9515, 11.9684



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.



25.2916, 14.3704, 4.2371



41.6028, 21.7473, 2.7856



30.6941, 25.2707, 5.7438



10.6420, 10.6402, 11.0982



15.1625, 7.8146, 0.7996



0.7209, 0.3712, 0.0534

Inverse Universe

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



25.2916, 14.3704, 4.2371



41.6028, 21.7473, 2.7856



19.1844, 20.0812, 57.5082



10.6420, 10.6402, 11.0982



15.1625, 7.8146, 0.7996



0.7209, 0.3712, 0.0534

Previews

White Background



This preview shows how the XYZ color 25.2913, 14.3695, 4.2369 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 25.2913, 14.3695, 4.2369 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 25.2913, 14.3695, 4.2369

Background



This preview shows how black text looks on a background with the XYZ color 25.2913, 14.3695, 4.2369.



This preview shows how white text looks on a background with the XYZ color 25.2913, 14.3695,

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

25.2913, 14.3695, 4.2369

Protanopia

13.4733, 14.6336, 7.4246

Deuteranopia

14.6605, 14.4275, 3.7624



Tritanopia

25.2509, 14.3534, 4.0244

Trichromacy



Original Color

25.2913, 14.3695, 4.2369

Protanomaly

16.0186, 12.8699, 5.9148

Deuteranomaly

17.2473, 13.2131, 3.7392

Tritanomaly

25.2709, 14.3614, 4.1294

Monochromacy



Original Color

25.2913, 14.3695, 4.2369

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 25.2913, 14.3695, 4.2369 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, 45, 48)` looks like.

```
.text, #text, p{  
    color:rgb(200, 45, 48)  
}
```

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, 45, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 45, 48) }
```

Border

The CSS property to change the border of an element to XYZ 25.2913, 14.3695, 4.2369 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, 45, 48) }
```


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

```
.border{ border-color:rgb(200, 45, 48) }
```

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

Here you see how a box with a 4 pixel rgb(200, 45, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 45, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 45, 48);  
box-shadow:4px 4px 4px 4px rgb(200, 45,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2913, 14.3695, 4.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 45, 48) }
```

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

```
.background{ background-color: rgb(200, 45,  
48) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor