

Converting Colors

XYZ(25.2354, 14.3352, 5.2743)

Have a look what the booklet for
XYZ(25.2354, 14.3352, 5.2743)
contains.

XYZ(25.2301, 14.3143, 5.3041)	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(25.2301, 14.3143,
5.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	C72D39
RGB	199, 45, 57
RGB Percent	78%, 18%, 22%
CMY	0.2196, 0.8235, 0.7765
CMYK	0.00, 0.77, 0.71, 0.22
HSL	355°, 63%, 48%
HSV	355°, 77%, 78%
XYZ	25.2301, 14.3143, 5.3041
YIQ	92.4140, 87.9320, 36.3800

Conversions

Conversions Part 2

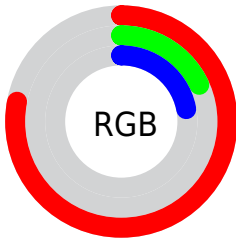
Format	Color
R_{YB}	199, 45, 57
Decimal	13053241
CIE _{Lab}	44.68, 59.79, 31.58
CIE _{LCh}	45, 67.613, 27.842
Yxy	14.3143, 0.5626, 0.3192
Android (android.graphics.Color)	4291243321 (0xFFC72D39)
YUV	92.4140, -17.4591, 93.4759
Hunter-Lab	37.8342, 52.8244, 18.1719

Details

The XYZ color **25.2301, 14.3143, 5.3041** 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 **30.4768, 44.9931, 54.0981**, and the grayscale version is **10.2944, 10.8305, 11.7944**.

A 20% lighter version of the original color is **48.6890, 32.1601, 16.7380**, and **10.4028, 5.3529, 0.9369** is the 20% darker color. If you saturate the color by 10%, you get **24.2635, 12.9863, 3.1170**, and if you desaturate by 10%, it is **26.7204, 16.4254, 8.4820**.

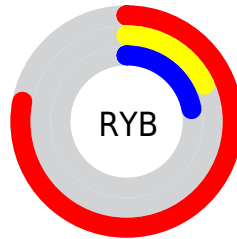
Distribution



Red (78%)

Green (18%)

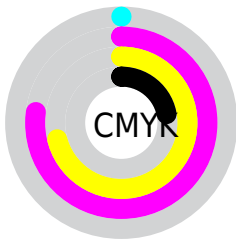
Blue (22%)



Red (78%)

Yellow (18%)

Blue (22%)

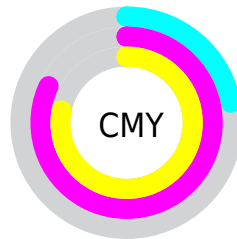


Cyan (0%)

Magenta (77%)

Yellow (71%)

Black (22%)



Cyan (22%)


Magenta (82%)


Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2301, 14.3143, 5.3041 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 25.2301, 14.3143, 5.3041 by changing the saturation by 10% instead.


 25.2301, 14.3143,
5.3041


 25.2301, 14.3143,
5.3041


271.3085,
219.1774, 161.7733


 16.3782, 8.3396,
2.3649


 51.4705, 33.6457,
16.9204


 9.8847, 4.3130,
0.7673


 69.5897, 47.7711,
26.4347


 5.3843, 1.8501,
0.0000

 91.5287, 65.3823,
38.9777

 2.5115, 0.5181,
0.0000

 117.6529, 86.8635,
54.9680

 0.9011, 0.0000,
0.0000

 148.3276,
112.5993, 74.8242

 0.0000, 0.0000,
0.0000

 183.9182,

142.9739, 98.9648

224.7900,
178.3718, 127.8083

■ 25.2301, 14.3143,
5.3041

■ 25.2301, 14.3143,
5.3041

■ 24.2635, 12.9863,
3.1170

■ 26.7204, 16.4254,
8.4820

■ 23.7386, 12.3068,
1.8002


■ 28.7938, 19.4123,
12.7491


■ 23.6428, 12.1779,
1.5750


■ 31.5029, 23.3577,
18.1927


■ 34.8940, 28.3338,
24.8912

■ 39.0092, 34.4061,
32.9160

 43.8871, 41.6346,
42.3332

 49.5635, 50.0748,
53.2045

 56.0721, 59.7789,
65.5880

 63.4446, 70.7958,
79.5385

Harmonies

Analogous

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



27.1072, 14.3143, 16.7514



25.2301, 14.3143, 5.3041



20.0293, 14.3143, 1.4477

Triad

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



25.2301, 14.3143, 5.3041



6.4851, 14.3143, 4.4004



13.2119, 14.3143, 69.4810

Complementary

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



25.2301, 14.3143, 5.3041



30.4768, 44.9931, 54.0981

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.



8.7267, 14.3143, 57.7166



25.2301, 14.3143, 5.3041



5.5508, 14.3143, 14.4756

Square

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



25.2301, 14.3143, 5.3041



9.2485, 14.3143, 1.2267



6.2457, 14.3143, 34.3870



19.1520, 14.3143, 60.4828

Rectangle

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



25.2301, 14.3143, 5.3041



15.9506, 14.3143, 0.7647



6.2457, 14.3143, 34.3870



11.5020, 14.3143, 67.7184

Sweetspot

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



25.2304, 14.3152, 5.3043



71.5917, 65.1110, 64.0010



31.5379, 16.4613, 55.5476



14.6834, 12.9888, 12.4597



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.



25.2304, 14.3152, 5.3043



41.7771, 21.8171, 3.7035



29.5141, 23.3059, 5.4268



10.6668, 10.6501, 11.2288



15.2160, 7.8360, 1.0814



0.7324, 0.3758, 0.1137

Inverse Universe

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



25.2304, 14.3152, 5.3043



41.7771, 21.8171, 3.7035



20.0329, 21.9645, 57.2162



10.6668, 10.6501, 11.2288



15.2160, 7.8360, 1.0814



0.7324, 0.3758, 0.1137

Previews

White Background



This preview shows how the XYZ color 25.2301, 14.3143, 5.3041 looks on a white background.

Color Contrast Check

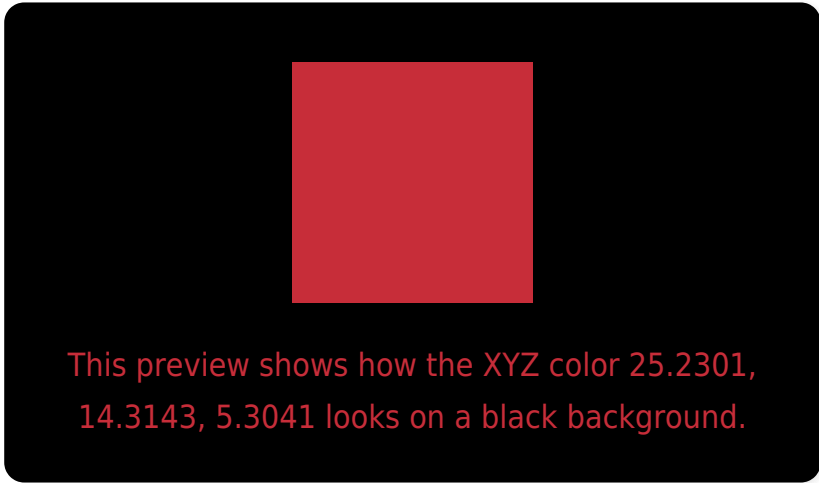
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2301, 14.3143, 5.3041

Background



This preview shows how black text looks on a background with the XYZ color 25.2301, 14.3143, 5.3041.



This preview shows how white text looks on a background with the XYZ color 25.2301, 14.3143,

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

25.2301, 14.3143, 5.3041

Protanopia

13.4686, 14.4355, 9.2842

Deuteranopia

14.7029, 14.4263, 4.8059



Tritanopia

25.1032, 14.3885, 4.2505

Trichromacy



Original Color

25.2301, 14.3143, 5.3041

Protanomaly

15.9529, 12.8026, 7.4247

Deuteranomaly

17.2503, 13.1918, 4.7690

Tritanomaly

25.1277, 14.3351, 4.5745

Monochromacy



Original Color

25.2301, 14.3143, 5.3041

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.2874, 10.4220, 8.7085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2301, 14.3143, 5.3041 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, 45, 57)` looks like.

```
.text, #text, p{  
    color:rgb(199, 45, 57)  
}
```

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, 45, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 45, 57) }
```

Border

The CSS property to change the border of an element to XYZ 25.2301, 14.3143, 5.3041 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, 45, 57) }
```


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

```
.border{ border-color:rgb(199, 45, 57) }
```

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

Here you see how a box with a 4 pixel rgb(199, 45, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 45, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 45, 57);  
box-shadow:4px 4px 4px 4px rgb(199, 45,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2301, 14.3143, 5.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 45, 57) }
```

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

```
.background{ background-color: rgb(199, 45,  
57) }
```

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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