

Converting Colors

XYZ(25.5458, 14.9019, 6.0103)

Have a look what the booklet for
XYZ(25.5458, 14.9019, 6.0103)
contains.

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Color

**XYZ(25.6235, 14.9350,
5.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	C7343D
RGB	199, 52, 61
RGB Percent	78%, 20%, 24%
CMY	0.2196, 0.7960, 0.7608
CMYK	0.00, 0.74, 0.69, 0.22
HSL	356°, 59%, 49%
HSV	356°, 74%, 78%
XYZ	25.6235, 14.9350, 5.9471
YIQ	96.9790, 84.7230, 33.9630

Conversions

Conversions Part 2

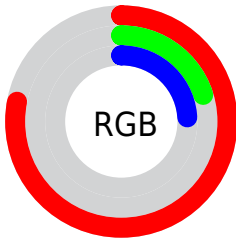
Format	Color
R _Y B	199, 52, 61
Decimal	13055037
CIE Lab	45.55, 57.72, 30.23
CIE LCh	46, 65.157, 27.642
Yxy	14.9350, 0.5510, 0.3211
Android (android.graphics.Color)	4291245117 (0xFFC7343D)
YUV	96.9790, -17.7376, 89.4724
Hunter-Lab	38.6458, 50.7214, 17.9281

Details

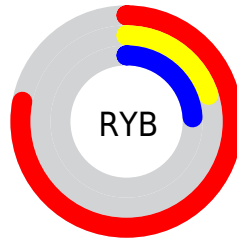
The XYZ color **25.6235, 14.9350, 5.9471** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.1353, 45.2951, 55.8224**, and the grayscale version is **11.3857, 11.9787, 13.0448**.

A 20% lighter version of the original color is **49.4690, 33.3014, 18.2885**, and **10.4341, 5.3654, 1.1018** is the 20% darker color. If you saturate the color by 10%, you get **24.4962, 13.3505, 3.5062**, and if you desaturate by 10%, it is **27.3009, 17.3397, 9.4362**.

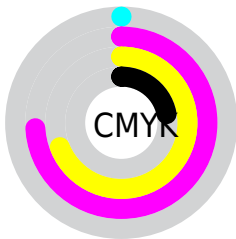
Distribution



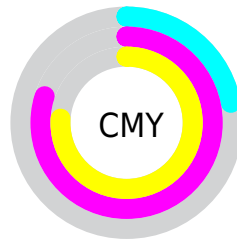
- Red (78%)
- Green (20%)
- Blue (24%)



- Red (78%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (69%)
- Black (22%)





- Cyan (22%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6235, 14.9350, 5.9471 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 25.6235, 14.9350, 5.9471 by changing the saturation by 10% instead.


 25.6235, 14.9350,
5.9471


 25.6235, 14.9350,
5.9471


273.2197,
222.9725, 167.8878


 16.6734, 8.7738,
2.7447


 52.1026, 34.7391,
18.2968

 10.0958, 4.5939,
0.9658


 70.3623, 49.1508,
28.2811

 5.5252, 2.0110,
0.0000

 92.4558, 67.0814,
41.3631

 2.5965, 0.6139,
0.0000

 118.7487, 88.9154,
57.9614

 0.9442, 0.0000,
0.0000

 149.6061,
115.0371, 78.4944

 0.0000, 0.0000,
0.0000

 185.3935,

145.8309, 103.3808

226.4763,
181.6812, 133.0391

■ 25.6235, 14.9350,
5.9471

■ 25.6235, 14.9350,
5.9471

■ 24.4962, 13.3505,
3.5062

■ 27.3009, 17.3397,
9.4362

■ 23.8482, 12.4746,
1.9953

■ 29.5857, 20.6523,
14.0731

■ 23.6205, 12.1690,
1.4573

■ 32.5291, 24.9520,
19.9465

■ 36.1765, 30.3090,
27.1363

■ 40.5693, 36.7868,
35.7155

■ 45.7458, 44.4439,
45.7521

■ 51.7417, 53.3351,
57.3093

■ 58.5902, 63.5113,
70.4466

■ 66.3230, 75.0207,
85.2205

Harmonies

Analogous

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



27.4207, 14.9350, 17.5257



25.6235, 14.9350, 5.9471



20.5616, 14.9350, 1.8132

Triad

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



25.6235, 14.9350, 5.9471



7.0661, 14.9350, 4.9208



13.7692, 14.9350, 68.3104

Complementary

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



25.6235, 14.9350, 5.9471



31.1353, 45.2951, 55.8224

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.



9.3008, 14.9350, 56.9603



25.6235, 14.9350, 5.9471



6.0993, 14.9350, 15.0600

Square

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



25.6235, 14.9350, 5.9471



9.8745, 14.9350, 1.5424



6.7992, 14.9350, 34.4946



19.6220, 14.9350, 59.8507

Rectangle

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



25.6235, 14.9350, 5.9471



16.5536, 14.9350, 1.0422



6.7992, 14.9350, 34.4946



12.0723, 14.9350, 66.5841

Sweetspot

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



25.6238, 14.9359, 5.9473



72.3404, 66.3408, 65.0752



32.5732, 17.4249, 55.6791



14.9897, 13.4698, 12.9676



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.



25.6238, 14.9359, 5.9473



42.0731, 22.2596, 4.2630



30.3847, 24.8131, 6.4380



10.6597, 10.6473, 11.1915



15.1999, 7.8295, 0.9968



0.7291, 0.3745, 0.0966

Inverse Universe

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



25.6238, 14.9359, 5.9473



42.0731, 22.2596, 4.2630



20.4319, 22.2668, 57.2536



10.6597, 10.6473, 11.1915



15.1999, 7.8295, 0.9968



0.7291, 0.3745, 0.0966

Previews

White Background



This preview shows how the XYZ color 25.6235, 14.9350, 5.9471 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 25.6235, 14.9350, 5.9471 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 25.6235, 14.9350, 5.9471

Background



This preview shows how black text looks on a background with the XYZ color 25.6235, 14.9350, 5.9471.



This preview shows how white text looks on a background with the XYZ color 25.6235, 14.9350,

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

25.6235, 14.9350, 5.9471

Protanopia

14.0880, 15.0473, 10.1445

Deuteranopia

15.3244, 15.0259, 5.4608



Tritanopia

25.5159, 14.9642, 5.1580

Trichromacy



Original Color

25.6235, 14.9350, 5.9471

Protanomaly

16.5798, 13.5849, 8.2269

Deuteranomaly

17.9847, 13.8953, 5.4755

Tritanomaly

25.5648, 14.9837, 5.4156

Monochromacy



Original Color

25.6235, 14.9350, 5.9471

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.3742, 11.5933, 9.8676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6235, 14.9350, 5.9471 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(199, 52, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 52, 61) }
```

Border

The CSS property to change the border of an element to XYZ 25.6235, 14.9350, 5.9471 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, 61) }
```


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

```
.border{ border-color:rgb(199, 52, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 52, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 52, 61);  
box-shadow:4px 4px 4px 4px rgb(199, 52,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6235, 14.9350, 5.9471 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, 61) }
```

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

```
.background{ background-color: rgb(199, 52,  
61) }
```

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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