

Converting Colors

XYZ(25.3120, 13.9438, 3.7925)

Have a look what the booklet for
XYZ(25.3120, 13.9438, 3.7925)
contains.

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Color

**XYZ(25.1919, 13.8687,
3.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	C9242D
RGB	201, 36, 45
RGB Percent	79%, 14%, 18%
CMY	0.2118, 0.8588, 0.8235
CMYK	0.00, 0.82, 0.78, 0.21
HSL	357°, 70%, 46%
HSV	357°, 82%, 79%
XYZ	25.1919, 13.8687, 3.8318
YIQ	86.3610, 95.4510, 37.7790

Conversions

Conversions Part 2

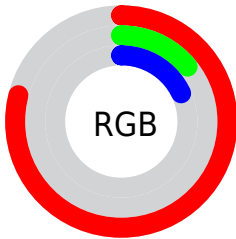
Format	Color
RYB	201, 36, 45
Decimal	13181997
CIELab	44.04, 62.37, 37.98
CIElCh	44, 73.023, 31.343
Yxy	13.8687, 0.5873, 0.3233
Android (android.graphics.Color)	4291372077 (0xFFC9242D)
YUV	86.3610, -20.3910, 100.5384
Hunter-Lab	37.2407, 55.5771, 19.9680

Details

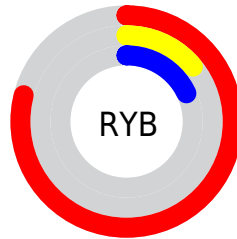
The XYZ color **25.1919, 13.8687, 3.8318** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.1305, 45.9547, 57.1067**, and the grayscale version is **8.9515, 9.4177, 10.2559**.

A 20% lighter version of the original color is **47.5902, 30.9390, 13.3611**, and **10.4812, 5.4033, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **24.4576, 12.8600, 2.1702**, and if you desaturate by 10%, it is **26.4325, 15.6272, 6.4746**.

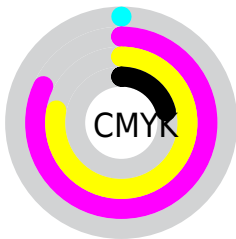
Distribution



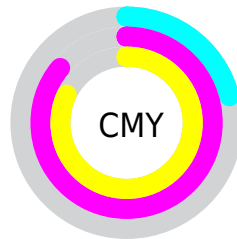
- Red (79%)
- Green (14%)
- Blue (18%)



- Red (79%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (78%)
- Black (21%)





- Cyan (21%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1919, 13.8687, 3.8318 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 25.1919, 13.8687, 3.8318 by changing the saturation by 10% instead.


 25.1919, 13.8687,
3.8318

 25.1919, 13.8687,
3.8318


271.1223,
216.4125, 146.3371


 16.3496, 8.0294,
1.5335


 51.4090, 32.8559,
13.6199


 9.8643, 4.1138,
0.2427


 69.5145, 46.7725,
21.9469

 5.3706, 1.7374,
0.0000

 91.4385, 64.1504,
33.1205

 2.5033, 0.4477,
0.0000

 117.5462, 85.3740,
47.5593

 0.8969, 0.0000,
0.0000

 148.2031,
110.8276, 65.6818

 0.0000, 0.0000,
0.0000

 183.7745,

140.8956, 87.9066

224.6258,
175.9624, 114.6521

■ 25.1919, 13.8687,
3.8318

■ 25.1919, 13.8687,
3.8318

■ 24.4576, 12.8600,
2.1702

■ 26.4325, 15.6272,
6.4746

■ 24.1473, 12.4414,
1.4437

■ 28.2483, 18.2407,
10.2178

■ 30.6980, 21.8004,
15.1646

■ 33.8331, 26.3851,
21.4058

■ 37.6997, 32.0654,
29.0236

■ 42.3399, 38.9056,
38.0935

■ 47.7927, 46.9650,
48.6854

■ 54.0944, 56.2990,
60.8647

■ 61.2789, 66.9595,
74.6930

Harmonies

Analogous

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



27.7785, 13.8687, 14.3640



25.1919, 13.8687, 3.8318



19.2892, 13.8687, 0.8292

Triad

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



25.1919, 13.8687, 3.8318



5.6149, 13.8687, 4.3756



13.4450, 13.8687, 74.8690

Complementary

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



25.1919, 13.8687, 3.8318



31.1305, 45.9547, 57.1067

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.



8.5223, 13.8687, 64.0779



25.1919, 13.8687, 3.8318



4.8778, 13.8687, 15.8621

Square

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



25.1919, 13.8687, 3.8318



8.1881, 13.8687, 0.9488



5.7643, 13.8687, 38.5665



19.8790, 13.8687, 62.1348

Rectangle

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



25.1919, 13.8687, 3.8318



14.9335, 13.8687, 0.2620



5.7643, 13.8687, 38.5665



11.5727, 13.8687, 73.8407

Sweetspot

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



25.1922, 13.8696, 3.8320



69.7443, 62.5583, 59.8641



32.4092, 16.4269, 56.7204



14.3230, 12.4980, 11.6305



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.



25.1922, 13.8696, 3.8320



41.4104, 21.4167, 2.5545



29.7167, 23.1666, 4.5757



10.6569, 10.6461, 11.1765



15.1939, 7.8271, 0.9652



0.7278, 0.3740, 0.0897

Inverse Universe

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



25.1922, 13.8696, 3.8320



41.4104, 21.4167, 2.5545



19.1877, 20.4266, 58.1893



10.6569, 10.6461, 11.1765



15.1939, 7.8271, 0.9652



0.7278, 0.3740, 0.0897

Previews

White Background



This preview shows how the XYZ color 25.1919, 13.8687, 3.8318 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 25.1919, 13.8687, 3.8318

Background



This preview shows how black text looks on a background with the XYZ color 25.1919, 13.8687, 3.8318.



This preview shows how white text looks on a background with the XYZ color 25.1919, 13.8687,

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

25.1919, 13.8687, 3.8318

Protanopia

13.0759, 14.1296, 7.0391

Deuteranopia

14.3474, 14.1297, 3.4100



Tritanopia

25.0829, 13.8742, 3.1062

Trichromacy



Original Color

25.1919, 13.8687, 3.8318

Protanomaly

15.4864, 12.1538, 5.5327

Deuteranomaly

16.8924, 12.6094, 3.2938

Tritanomaly

25.1320, 13.8938, 3.3647

Monochromacy



Original Color

25.1919, 13.8687, 3.8318

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

12.1065, 9.1784, 7.0948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1919, 13.8687, 3.8318 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(201, 36, 45)` looks like.

```
.text, #text, p{  
    color:rgb(201, 36, 45)  
}
```

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(201, 36, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 36, 45) }
```

Border

The CSS property to change the border of an element to XYZ 25.1919, 13.8687, 3.8318 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(201, 36, 45) }
```


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

```
.border{ border-color:rgb(201, 36, 45) }
```

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

Here you see how a box with a 4 pixel rgb(201, 36, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 36, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 36, 45);  
box-shadow:4px 4px 4px 4px rgb(201, 36,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1919, 13.8687, 3.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 36, 45) }
```

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

```
.background{ background-color: rgb(201, 36,  
45) }
```

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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