

Converting Colors

XYZ(25.4693, 15.3712, 5.5652)

Have a look what the booklet for
XYZ(25.4693, 15.3712, 5.5652)
contains.

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Color

**XYZ(25.3536, 15.3037,
5.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	C53B3A
RGB	197, 59, 58
RGB Percent	77%, 23%, 23%
CMY	0.2275, 0.7686, 0.7725
CMYK	0.00, 0.70, 0.71, 0.23
HSL	0°, 55%, 50%
HSV	0°, 71%, 77%
XYZ	25.3536, 15.3037, 5.6206
YIQ	100.1480, 82.5690, 28.9450

Conversions

Conversions Part 2

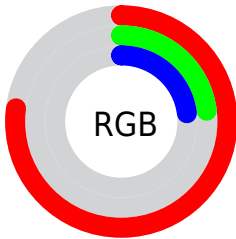
Format	Color
RYB	197, 59, 58
Decimal	12925754
CIELab	46.05, 54.42, 32.51
CIELCh	46, 63.389, 30.855
Yxy	15.3037, 0.5479, 0.3307
Android (android.graphics.Color)	4291115834 (0xFFC53B3A)
YUV	100.1480, -20.7790, 84.9392
Hunter-Lab	39.1199, 47.2258, 18.8654

Details

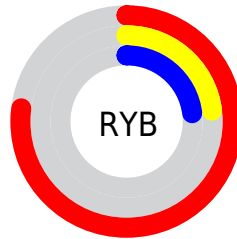
The XYZ color **25.3536, 15.3037, 5.6206** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.5607, 44.4063, 59.7308**, and the grayscale version is **12.1884, 12.8231, 13.9644**.

A 20% lighter version of the original color is **49.9205, 34.5414, 17.4007**, and **10.2469, 5.2717, 0.9677** is the 20% darker color. If you saturate the color by 10%, you get **24.1210, 13.4930, 3.1924**, and if you desaturate by 10%, it is **27.1550, 17.9456, 9.1842**.

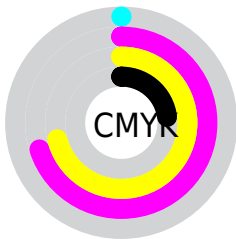
Distribution



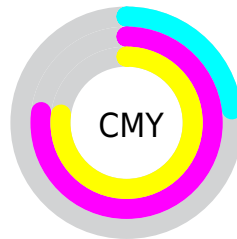
- Red (77%)
- Green (23%)
- Blue (23%)



- Red (77%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (70%)
- Yellow (71%)
- Black (23%)





- Cyan (23%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3536, 15.3037, 5.6206 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 25.3536, 15.3037, 5.6206 by changing the saturation by 10% instead.


 25.3536, 15.3037,
5.6206


 25.3536, 15.3037,
5.6206


271.9096,
225.1971, 164.8224


 16.4708, 9.0328,
2.5508


 51.6691, 35.3851,
17.6021


 9.9509, 4.7626,
0.8669


 69.8325, 49.9644,
27.3507


 5.4284, 2.1086,
0.0000

 91.8201, 68.0819,
40.1628

 2.5381, 0.6695,
0.0000

 117.9974, 90.1221,
56.4567

 0.9145, 0.0000,
0.0000

 148.7296,
116.4693, 76.6511

 0.0000, 0.0000,
0.0000

 184.3821,

147.5080, 101.1645

225.3204,
183.6224, 130.4154

■ 25.3536, 15.3037,
5.6206

■ 25.3536, 15.3037,
5.6206

■ 24.1210, 13.4930,
3.1924

■ 27.1550, 17.9456,
9.1842

■ 23.3882, 12.4125,
1.7615

■ 29.5814, 21.4992,
13.9980

■ 23.0413, 11.9013,
1.0828

■ 32.6834, 26.0386,
20.1639

■ 36.5062, 31.6294,
27.7729

■ 41.0911, 38.3318,
36.9081

■ 46.4763, 46.2013,
47.6463

■ 52.6974, 55.2896,
60.0594

■ 59.7878, 65.6455,
74.2146

■ 67.7792, 77.3150,
90.1756

Harmonies

Analogous

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



27.5316, 15.3037, 16.2249



25.3536, 15.3037, 5.6206



20.1866, 15.3037, 1.8716

Triad

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



25.3536, 15.3037, 5.6206



7.2534, 15.3037, 5.9999



14.7006, 15.3037, 67.2931

Complementary

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



25.3536, 15.3037, 5.6206



31.5607, 44.4063, 59.7308

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.



10.0677, 15.3037, 58.2313



25.3536, 15.3037, 5.6206



6.4614, 15.3037, 17.1091

Square

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



25.3536, 15.3037, 5.6206



9.8600, 15.3037, 1.9764



7.3509, 15.3037, 36.9388



20.5211, 15.3037, 57.2192

Rectangle

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



25.3536, 15.3037, 5.6206



16.2522, 15.3037, 1.1909



7.3509, 15.3037, 36.9388



12.9631, 15.3037, 66.3512

Sweetspot

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



25.3539, 15.3046, 5.6208



72.9183, 67.6636, 64.7535



34.6168, 18.9276, 54.6518



15.0909, 13.7277, 12.8304



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.



25.3539, 15.3046, 5.6208



42.3467, 22.9072, 4.0446



31.4436, 27.4839, 7.6507



10.6400, 10.6490, 11.0574



15.1581, 7.8334, 0.7131



0.7199, 0.3753, 0.0345

Inverse Universe

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



31.5607, 44.4063, 59.7308



54.1188, 78.1573, 106.8413



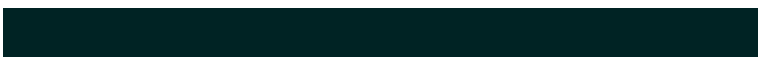
19.4770, 20.2389, 55.7029



10.9399, 12.0538, 13.6675



19.5519, 28.4977, 39.2145



0.9280, 1.3537, 1.8575

Previews

White Background



This preview shows how the XYZ color 25.3536, 15.3037, 5.6206 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 25.3536, 15.3037, 5.6206 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 25.3536, 15.3037, 5.6206

Background



This preview shows how black text looks on a background with the XYZ color 25.3536, 15.3037, 5.6206.



This preview shows how white text looks on a background with the XYZ color 25.3536, 15.3037,

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

25.3536, 15.3037, 5.6206

Protanopia

14.4882, 15.5956, 9.0841

Deuteranopia

15.7806, 15.5677, 5.1907



Tritanopia

25.4322, 15.3352, 6.0344

Trichromacy



Original Color

25.3536, 15.3037, 5.6206

Protanomaly

16.8479, 14.1149, 7.4667

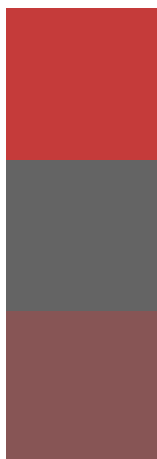
Deuteranomaly

18.2329, 14.5056, 5.2070

Tritanomaly

25.4055, 15.3245, 5.8939

Monochromacy



Original Color

25.3536, 15.3037, 5.6206

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.8799, 12.3038, 10.1849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3536, 15.3037, 5.6206 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(197, 59, 58)` looks like.

```
.text, #text, p{  
    color:rgb(197, 59, 58)  
}
```

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(197, 59, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 59, 58) }
```

Border

The CSS property to change the border of an element to XYZ 25.3536, 15.3037, 5.6206 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(197, 59, 58) }
```


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

```
.border{ border-color:rgb(197, 59, 58) }
```

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

Here you see how a box with a 4 pixel rgb(197, 59, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 59, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 59, 58);  
box-shadow:4px 4px 4px 4px rgb(197, 59,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3536, 15.3037, 5.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 59, 58) }
```

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

```
.background{ background-color: rgb(197, 59,  
58) }
```

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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