

Converting Colors

XYZ(25.8100, 15.3392, 6.7719)

Have a look what the booklet for
XYZ(25.8100, 15.3392, 6.7719)
contains.

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Color

**XYZ(25.7352, 15.3254,
6.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	C63942
RGB	198, 57, 66
RGB Percent	78%, 22%, 26%
CMY	0.2235, 0.7764, 0.7412
CMYK	0.00, 0.71, 0.67, 0.22
HSL	356°, 55%, 50%
HSV	356°, 71%, 78%
XYZ	25.7352, 15.3254, 6.7560
YIQ	100.1850, 81.1470, 32.6910

Conversions

Conversions Part 2

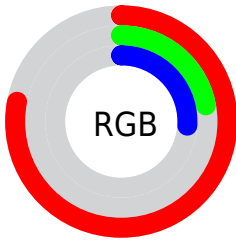
Format	Color
R_{YB}	198, 57, 66
Decimal	12990786
CIE Lab	46.08, 55.90, 27.85
CIE LCh	46, 62.451, 26.484
Yxy	15.3254, 0.5382, 0.3205
Android (android.graphics.Color)	4291180866 (0xFFC63942)
YUV	100.1850, -16.8532, 85.7838
Hunter-Lab	39.1477, 48.8353, 17.1713

Details

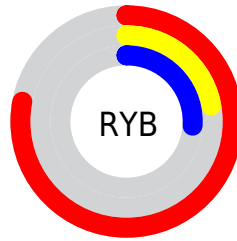
The XYZ color **25.7352, 15.3254, 6.7560** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.0681, 44.9325, 55.1845**, and the grayscale version is **12.1885, 12.8233, 13.9646**.

A 20% lighter version of the original color is **50.1824, 34.2852, 19.8924**, and **10.4712, 5.3802, 1.2972** is the 20% darker color. If you saturate the color by 10%, you get **24.4792, 13.5509, 4.0640**, and if you desaturate by 10%, it is **27.5505, 17.9355, 10.5083**.

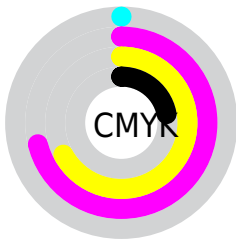
Distribution



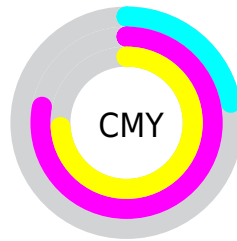
- Red (78%)
- Green (22%)
- Blue (26%)



- Red (78%)
- Yellow (22%)
- Blue (26%)



- Cyan (0%)
- Magenta (71%)
- Yellow (67%)
- Black (22%)





- Cyan (22%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7352, 15.3254, 6.7560 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 25.7352, 15.3254, 6.7560 by changing the saturation by 10% instead.


 25.7352, 15.3254,
6.7560


 25.7352, 15.3254,
6.7560


273.7604,
225.3274, 175.1739


 16.7573, 9.0481,
3.2339


 52.2818, 35.4230,
19.9851


 10.1558, 4.7726,
1.2152


 70.5812, 50.0121,
30.5291

 5.5655, 2.1144,
0.0000

 92.7185, 68.1406,
44.2508

 2.6208, 0.6727,
0.0000

 119.0590, 90.1928,
61.5688

 0.9566, 0.0000,
0.0000

 149.9681,
116.5532, 82.9015

 0.0000, 0.0000,
0.0000

 185.8111,

147.6062, 108.6676

226.9534,
183.7361, 139.2855

■ 25.7352, 15.3254,
6.7560

■ 25.7352, 15.3254,
6.7560

■ 24.4792, 13.5509,
4.0640

■ 27.5505, 17.9355,
10.5083

■ 23.7163, 12.5078,
2.3219

■ 29.9793, 21.4640,
15.4147

■ 23.3588, 12.0338,
1.4599

■ 33.0702, 25.9868,
21.5598

■ 36.8670, 31.5711,
29.0197

■ 41.4096, 38.2783,
37.8648

■ 46.7348, 46.1651,
48.1601

■ 52.8773, 55.2844,
59.9667

■ 59.8693, 65.6858,
73.3422

■ 67.7416, 77.4163,
88.3411

Harmonies

Analogous

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



27.3022, 15.3254, 18.5428



25.7352, 15.3254, 6.7560



20.9550, 15.3254, 2.2596

Triad

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



25.7352, 15.3254, 6.7560



7.6102, 15.3254, 5.1964



13.9498, 15.3254, 66.1183

Complementary

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



25.7352, 15.3254, 6.7560



31.0681, 44.9325, 55.1845

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.



9.6292, 15.3254, 54.8091



25.7352, 15.3254, 6.7560



6.5736, 15.3254, 14.9589

Square

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



25.7352, 15.3254, 6.7560



10.4749, 15.3254, 1.8194



7.2117, 15.3254, 33.3968



19.6046, 15.3254, 58.8630

Rectangle

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



25.7352, 15.3254, 6.7560



17.0824, 15.3254, 1.3515



7.2117, 15.3254, 33.3968



12.3103, 15.3254, 64.2483

Sweetspot

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



25.7356, 15.3263, 6.7562



73.2348, 67.6447, 66.8689



32.5438, 17.7722, 55.1408



15.1643, 13.7234, 13.3203



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.



25.7356, 15.3263, 6.7562



42.5626, 22.9108, 5.4362



30.5182, 25.2829, 7.1438



10.6608, 10.6477, 11.1973



15.2023, 7.8305, 1.0091



0.7296, 0.3747, 0.0992

Inverse Universe

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



25.7356, 15.3263, 6.7562



42.5626, 22.9108, 5.4362



20.8129, 22.8114, 56.7318



10.6608, 10.6477, 11.1973



15.2023, 7.8305, 1.0091



0.7296, 0.3747, 0.0992

Previews

White Background



This preview shows how the XYZ color 25.7352, 15.3254, 6.7560 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 25.7352, 15.3254, 6.7560 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 25.7352, 15.3254, 6.7560

Background



This preview shows how black text looks on a background with the XYZ color 25.7352, 15.3254, 6.7560.



This preview shows how white text looks on a background with the XYZ color 25.7352, 15.3254,

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

25.7352, 15.3254, 6.7560

Protanopia

14.6323, 15.6219, 11.2609

Deuteranopia

15.8070, 15.5595, 6.1732



Tritanopia

25.6441, 15.3688, 6.0298

Trichromacy



Original Color

25.7352, 15.3254, 6.7560

Protanomaly

17.0064, 14.1577, 9.2335

Deuteranomaly

18.4326, 14.5855, 6.2587

Tritanomaly

25.6990, 15.3908, 6.3189

Monochromacy



Original Color

25.7352, 15.3254, 6.7560

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

15.0851, 12.2795, 10.8076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7352, 15.3254, 6.7560 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(198, 57, 66)` looks like.

```
.text, #text, p{  
    color:rgb(198, 57, 66)  
}
```

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(198, 57, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 57, 66) }
```

Border

The CSS property to change the border of an element to XYZ 25.7352, 15.3254, 6.7560 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(198, 57, 66) }
```


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

```
.border{ border-color:rgb(198, 57, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 57, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 57, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 57, 66);  
box-shadow:4px 4px 4px 4px rgb(198, 57,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7352, 15.3254, 6.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 57, 66) }
```

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

```
.background{ background-color: rgb(198, 57,  
66) }
```

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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