

Converting Colors

XYZ(25.6583, 15.7072, 8.8872)

Have a look what the booklet for
XYZ(25.6583, 15.7072, 8.8872)
contains.

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Color

**XYZ(25.6583, 15.7072,
8.8872)**

Conversions

Conversions Part 1

Format	Color
Hex	C33F4E
RGB	195, 63, 78
RGB Percent	76%, 25%, 31%
CMY	0.2353, 0.7529, 0.6941
CMYK	0.00, 0.68, 0.60, 0.24
HSL	353°, 52%, 51%
HSV	353°, 68%, 76%
XYZ	25.6583, 15.7072, 8.8872
YIQ	104.1780, 73.8570, 32.6490

Conversions

Conversions Part 2

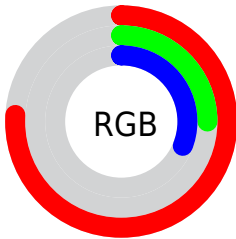
Format	Color
RYB	195, 63, 78
Decimal	12795726
CIELab	46.59, 53.37, 21.15
CIELCh	47, 57.411, 21.622
Yxy	15.7072, 0.5106, 0.3126
Android (android.graphics.Color)	4290985806 (0xFFC33F4E)
YUV	104.1780, -12.9058, 79.6509
Hunter-Lab	39.6323, 46.2059, 14.4474

Details

The XYZ color **25.6583, 15.7072, 8.8872** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **29.8044, 43.3826, 49.9870**, and the grayscale version is **13.2263, 13.9151, 15.1536**.

A 20% lighter version of the original color is **51.5492, 35.7492, 24.2620**, and **10.2804, 5.2664, 1.9881** is the 20% darker color. If you saturate the color by 10%, you get **24.2227, 13.7009, 5.7427**, and if you desaturate by 10%, it is **27.6399, 18.5451, 13.0175**.

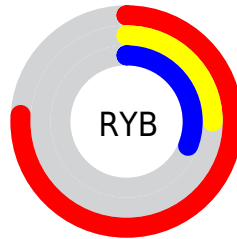
Distribution



Red (76%)

Green (25%)

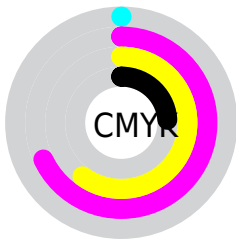
Blue (31%)



Red (76%)

Yellow (25%)

Blue (31%)

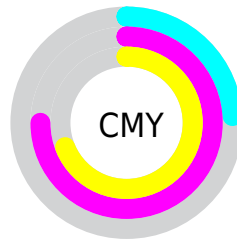


Cyan (0%)

Magenta (68%)

Yellow (60%)

Black (24%)



Cyan (24%)


Magenta (75%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6583, 15.7072, 8.8872 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 25.6583, 15.7072, 8.8872 by changing the saturation by 10% instead.


 25.6583, 15.7072,
8.8872


 25.6583, 15.7072,
8.8872


273.3882,
227.6077, 192.7212


 16.6995, 9.3172,
4.5719


 52.1584, 36.0891,
24.2545


 10.1145, 4.9487,
1.9440


 70.4305, 50.8499,
36.1435

 5.5378, 2.2172,
0.5205

 92.5377, 69.1696,
51.3942

 2.6041, 0.7293,
0.0000

 118.8454, 91.4328,
70.4250

 0.9480, 0.0000,
0.0000

 149.7189,
118.0238, 93.6546

 0.0000, 0.0000,
0.0000

185.5237,

149.3270, 121.5015

226.6250,
185.7269, 154.3841

■ 25.6583, 15.7072,
8.8872

■ 25.6583, 15.7072,
8.8872

■ 24.2227, 13.7009,
5.7427

■ 27.6399, 18.5451,
13.0175

■ 23.2763, 12.4333,
3.5002

■ 30.2143, 22.2891,
18.2062

■ 22.7425, 11.7751,
2.0600

■ 33.4245, 27.0086,
24.5200

■ 22.6518, 11.6605,
1.8234

■ 37.3092, 32.7654,
32.0198

■ 41.9041, 39.6161,
40.7622

■ 47.2422, 47.6135,
50.8001

■ 53.3545, 56.8066,
62.1833

■ 60.2703, 67.2419,
74.9591

■ 68.0174, 78.9632,
89.1724

Harmonies

Analogous

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



26.4833, 15.7072, 21.3961



25.6583, 15.7072, 8.8872



21.6629, 15.7072, 3.3878

Triad

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



25.6583, 15.7072, 8.8872



8.6346, 15.7072, 5.1368



13.5831, 15.7072, 60.8157

Complementary

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



25.6583, 15.7072, 8.8872



29.8044, 43.3826, 49.9870

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.



9.7592, 15.7072, 48.6665



25.6583, 15.7072, 8.8872



7.3457, 15.7072, 13.4255

Square

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



25.6583, 15.7072, 8.8872



11.6854, 15.7072, 2.2080



7.7060, 15.7072, 29.2613



18.7239, 15.7072, 57.0982

Rectangle

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



25.6583, 15.7072, 8.8872



18.1404, 15.7072, 2.0757



7.7060, 15.7072, 29.2613



12.1213, 15.7072, 58.2868

Sweetspot

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



25.6587, 15.7081, 8.8875



72.7668, 67.5409, 68.6792



30.3578, 17.1515, 53.3399



15.4110, 14.0088, 14.0438



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.



25.6587, 15.7081, 8.8875



42.5071, 23.3480, 8.2597



29.3758, 23.9068, 7.7701



10.1187, 10.0961, 10.7155



14.7387, 7.5852, 1.2702



0.6526, 0.3341, 0.1382

Inverse Universe

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



25.6587, 15.7081, 8.8875



42.5071, 23.3480, 8.2597



21.9351, 25.0660, 55.3115



10.1187, 10.0961, 10.7155



14.7387, 7.5852, 1.2702



0.6526, 0.3341, 0.1382

Previews

White Background



This preview shows how the XYZ color 25.6583, 15.7072, 8.8872 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 25.6583, 15.7072, 8.8872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

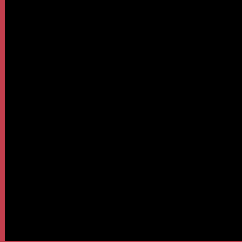
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6583, 15.7072, 8.8872

Background



This preview shows how black text looks on a background with the XYZ color 25.6583, 15.7072, 8.8872.

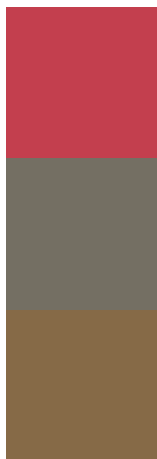


This preview shows how white text looks on a background with the XYZ color 25.6583, 15.7072,

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

25.6583, 15.7072, 8.8872

Protanopia

15.1390, 15.9827, 14.0914

Deuteranopia

16.1229, 15.8313, 8.1672



Tritanopia

25.4394, 15.8001, 7.1778

Trichromacy



Original Color

25.6583, 15.7072, 8.8872

Protanomaly

17.5681, 14.7805, 11.8245

Deuteranomaly

18.6025, 14.8747, 8.3692

Tritanomaly

25.5088, 15.7368, 7.8239

Monochromacy



Original Color

25.6583, 15.7072, 8.8872

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.9545, 13.2893, 12.5507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6583, 15.7072, 8.8872 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(195, 63, 78)` looks like.

```
.text, #text, p{  
    color:rgb(195, 63, 78)  
}
```

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(195, 63, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 63, 78) }
```

Border

The CSS property to change the border of an element to XYZ 25.6583, 15.7072, 8.8872 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(195, 63, 78) }
```


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

```
.border{ border-color:rgb(195, 63, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 63, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 63, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 63, 78);  
box-shadow:4px 4px 4px 4px rgb(195, 63,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6583, 15.7072, 8.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 63, 78) }
```

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

```
.background{ background-color: rgb(195, 63,  
78) }
```

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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