

Converting Colors

XYZ(25.8067, 15.5475, 11.2381)

Have a look what the booklet for
XYZ(25.8067, 15.5475, 11.2381)
contains.

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Color

**XYZ(25.7623, 15.5450,
11.3155)**

Conversions

Conversions Part 1

Format	Color
Hex	C23D5A
RGB	194, 61, 90
RGB Percent	76%, 24%, 35%
CMY	0.2392, 0.7608, 0.6471
CMYK	0.00, 0.69, 0.54, 0.24
HSL	347°, 52%, 50%
HSV	347°, 69%, 76%
XYZ	25.7623, 15.5450, 11.3155
YIQ	104.0730, 69.9590, 37.2150

Conversions

Conversions Part 2

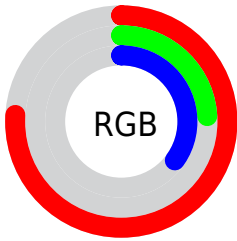
Format	Color
RYB	194, 61, 90
Decimal	12729690
CIELab	46.37, 54.74, 13.51
CIElCh	46, 56.381, 13.861
Yxy	15.5450, 0.4896, 0.2954
Android (android.graphics.Color)	4290919770 (0xFFC23D5A)
YUV	104.0730, -6.9380, 78.8660
Hunter-Lab	39.4271, 47.6371, 10.5829

Details

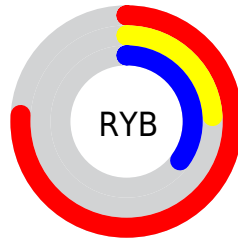
The XYZ color **25.7623, 15.5450, 11.3155** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **28.0089, 42.2926, 42.2881**, and the grayscale version is **13.1834, 13.8699, 15.1044**.

A 20% lighter version of the original color is **52.3349, 35.8760, 28.9774**, and **10.4653, 5.3404, 2.9618** is the 20% darker color. If you saturate the color by 10%, you get **24.3263, 13.6032, 7.9696**, and if you desaturate by 10%, it is **27.7053, 18.2901, 15.4809**.

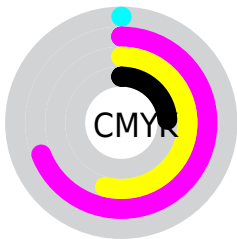
Distribution



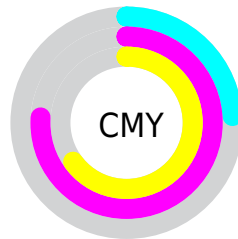
- Red (76%)
- Green (24%)
- Blue (35%)



- Red (76%)
- Yellow (24%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (54%)
- Black (24%)





- Cyan (24%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7623, 15.5450, 11.3155 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 25.7623, 15.5450, 11.3155 by changing the saturation by 10% instead.


 25.7623, 15.5450,
11.3155


 25.7623, 15.5450,
11.3155


273.8914,
226.6417, 210.6340


 16.7776, 9.2028,
6.1626


 52.3253, 35.8065,
28.8876


 10.1704, 4.8737,
2.8738


 70.6343, 50.4945,
42.1440


 5.5752, 2.1733,
1.0306

 92.7822, 68.7333,
58.9386

 2.6267, 0.7054,
0.0000

 119.1342, 90.9071,
79.6899

 0.9596, 0.0000,
0.0000

 150.0558,
117.4005, 104.8166

 0.0000, 0.0000,
0.0000

185.9123,

148.5978, 134.7372

227.0691,
184.8834, 169.8701

■ 25.7623, 15.5450,
11.3155

■ 25.7623, 15.5450,
11.3155

■ 24.3263, 13.6032,
7.9696

■ 27.7053, 18.2901,
15.4809

■ 23.3455, 12.3737,
5.3857

■ 30.1978, 21.9113,
20.5160

■ 22.7423, 11.7158,
3.4940

■ 33.2791, 26.4764,
26.4679

■ 22.6712, 11.6385,
3.2695

■ 36.9843, 32.0454,
33.3797

■ 41.3459, 38.6737,
41.2920

■ 46.3940, 46.4124,
50.2429

■ 52.1569, 55.3093,
60.2684

■ 58.6612, 65.4094,
71.4029

■ 65.9322, 76.7554,
83.6792

Harmonies

Analogous

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



25.6240, 15.5450, 25.4567



25.7623, 15.5450, 11.3155



22.5420, 15.5450, 4.3690

Triad

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



25.7623, 15.5450, 11.3155



9.2246, 15.5450, 4.0726



12.3389, 15.5450, 57.5402

Complementary

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



25.7623, 15.5450, 11.3155



28.0089, 42.2926, 42.2881

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.



9.0351, 15.5450, 42.8858



25.7623, 15.5450, 11.3155



7.5237, 15.5450, 10.5519

Square

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



25.7623, 15.5450, 11.3155



12.6581, 15.5450, 2.0033



7.4629, 15.5450, 24.1384



17.1158, 15.5450, 58.1616

Rectangle

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



25.7623, 15.5450, 11.3155



19.2602, 15.5450, 2.5103



7.4629, 15.5450, 24.1384



11.0466, 15.5450, 53.8389

Sweetspot

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



25.7627, 15.5459, 11.3158



72.5888, 66.5299, 70.6388



26.5045, 15.0166, 52.5402



15.4026, 13.8187, 14.5755



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.



25.7627, 15.5459, 11.3158



43.1331, 23.4381, 12.0508



27.3167, 20.2586, 6.8867



10.1611, 10.1130, 10.9388



14.9312, 7.6622, 2.2838



0.6716, 0.3417, 0.2381

Inverse Universe

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



25.7627, 15.5459, 11.3158



43.1331, 23.4381, 12.0508



23.9809, 29.5241, 55.4734



10.1611, 10.1130, 10.9388



14.9312, 7.6622, 2.2838



0.6716, 0.3417, 0.2381

Previews

White Background



This preview shows how the XYZ color 25.7623, 15.5450, 11.3155 looks on a white background.

Color Contrast Check

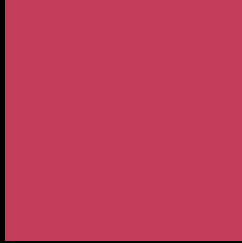
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7623, 15.5450, 11.3155 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 25.7623, 15.5450, 11.3155

Background



This preview shows how black text looks on a background with the XYZ color 25.7623, 15.5450, 11.3155.



This preview shows how white text looks on a background with the XYZ color 25.7623, 15.5450,

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

25.7623, 15.5450, 11.3155

Protanopia

15.2260, 15.7692, 18.4609

Deuteranopia

15.9602, 15.6940, 10.5756



Tritanopia

24.9568, 15.5477, 7.3159

Trichromacy



Original Color

25.7623, 15.5450, 11.3155

Protanomaly

17.4132, 14.3576, 15.4892

Deuteranomaly

18.4727, 14.7565, 10.6788

Tritanomaly

25.1653, 15.5401, 8.6944

Monochromacy



Original Color

25.7623, 15.5450, 11.3155

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.0584, 13.1987, 13.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7623, 15.5450, 11.3155 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(194, 61, 90)` looks like.

```
.text, #text, p{  
    color:rgb(194, 61, 90)  
}
```

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(194, 61, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 61, 90) }
```

Border

The CSS property to change the border of an element to XYZ 25.7623, 15.5450, 11.3155 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(194, 61, 90) }
```


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

```
.border{ border-color:rgb(194, 61, 90) }
```

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

Here you see how a box with a 4 pixel rgb(194, 61, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 61, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 61, 90);  
box-shadow:4px 4px 4px 4px rgb(194, 61,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7623, 15.5450, 11.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 61, 90) }
```

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

```
.background{ background-color: rgb(194, 61,  
90) }
```

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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