

Converting Colors

XYZ(25.2803, 13.6213, 10.5456)

Have a look what the booklet for
XYZ(25.2803, 13.6213, 10.5456)
contains.

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Color

**XYZ(25.3313, 13.6626,
10.5346)**

Conversions

Conversions Part 1

Format	Color
Hex	C52158
RGB	197, 33, 88
RGB Percent	77%, 13%, 35%
CMY	0.2275, 0.8705, 0.6549
CMYK	0.00, 0.83, 0.55, 0.23
HSL	340°, 71%, 45%
HSV	340°, 83%, 77%
XYZ	25.3313, 13.6626, 10.5346
YIQ	88.3060, 80.0890, 51.8730

Conversions

Conversions Part 2

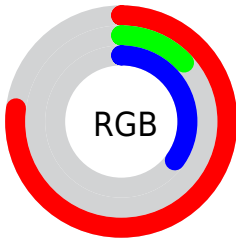
Format	Color
R_{YB}	197, 33, 88
Decimal	12919128
CIE Lab	43.75, 64.25, 11.19
CIE LCh	44, 65.214, 9.883
Yxy	13.6626, 0.5114, 0.2759
Android (android.graphics.Color)	4291109208 (0xFFC52158)
YUV	88.3060, -0.1509, 95.3246
Hunter-Lab	36.9630, 57.6437, 8.9762

Details

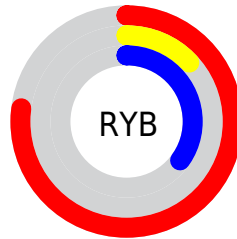
The XYZ color **25.3313, 13.6626, 10.5346** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **25.4774, 42.2094, 32.4011**, and the grayscale version is **9.3322, 9.8182, 10.6920**.

A 20% lighter version of the original color is **50.1021, 31.6444, 27.5121**, and **10.5894, 5.4087, 2.7714** is the 20% darker color. If you saturate the color by 10%, you get **24.4407, 12.6730, 7.7977**, and if you desaturate by 10%, it is **26.6397, 15.3320, 13.8916**.

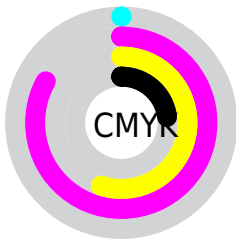
Distribution



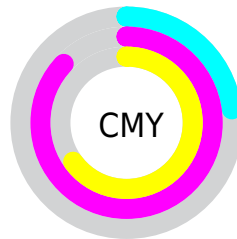
- Red (77%)
- Green (13%)
- Blue (35%)



- Red (77%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (83%)
- Yellow (55%)
- Black (23%)





- Cyan (23%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3313, 13.6626, 10.5346 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 25.3313, 13.6626, 10.5346 by changing the saturation by 10% instead.


 25.3313, 13.6626,
10.5346


 25.3313, 13.6626,
10.5346


271.8011,
215.1216, 205.0677


 16.4541, 7.8864,
5.6446


 51.6332, 32.4892,
27.4197


 9.9389, 4.0223,
2.5649


 69.7886, 46.3083,
40.2518


 5.4204, 1.6861,
0.8743

 91.7675, 63.5771,
56.5685

 2.5333, 0.4146,
0.0000

 117.9352, 84.6802,
76.7881

 0.9121, 0.0000,
0.0000

 148.6571,
110.0017, 101.3293

 0.0000, 0.0000,
0.0000

 184.2984,

139.9262, 130.6106

225.2247,
174.8381, 165.0506

■ 25.3313, 13.6626,
10.5346

■ 25.3313, 13.6626,
10.5346

■ 24.4407, 12.6730,
7.7977

■ 26.6397, 15.3320,
13.8916

■ 24.0109, 12.2643,
6.2646

■ 28.4182, 17.7780,
17.9098

■ 30.7123, 21.0842,
22.6267

■ 33.5612, 25.3224,
28.0762

■ 37.0004, 30.5570,
34.2899

■ 41.0621, 36.8467,
41.2975

■ 45.7764, 44.2453,
49.1268

■ 51.1711, 52.8033,
57.8043

■ 57.2726, 62.5679,
67.3552

Harmonies

Analogous

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



24.6269, 13.6626, 26.8633



25.3313, 13.6626, 10.5346



22.1226, 13.6626, 3.1186

Triad

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



25.3313, 13.6626, 10.5346



7.6315, 13.6626, 2.0225



9.8798, 13.6626, 60.3032

Complementary

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



25.3313, 13.6626, 10.5346



25.4774, 42.2094, 32.4011

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.



6.7914, 13.6626, 41.3434



25.3313, 13.6626, 10.5346



5.7504, 13.6626, 7.1210

Square

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



25.3313, 13.6626, 10.5346



11.3651, 13.6626, 0.7814



5.4899, 13.6626, 20.2718



14.7539, 13.6626, 63.6805

Rectangle

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



25.3313, 13.6626, 10.5346



18.5917, 13.6626, 1.3772



5.4899, 13.6626, 20.2718



8.6381, 13.6626, 55.1431

Sweetspot

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



25.3316, 13.6634, 10.5348



71.8882, 63.4159, 71.1538



21.3711, 10.6609, 53.7546



14.8223, 12.6978, 14.2597



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.



25.3316, 13.6634, 10.5348



42.8998, 21.9239, 10.6704



24.7942, 14.9674, 3.0221



10.7781, 10.6946, 11.8149



15.8282, 8.0808, 4.3052



0.7833, 0.3962, 0.3821

Inverse Universe

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



25.3316, 13.6634, 10.5348



42.8998, 21.9239, 10.6704



25.5349, 34.0131, 58.0426



10.7781, 10.6946, 11.8149



15.8282, 8.0808, 4.3052



0.7833, 0.3962, 0.3821

Previews

White Background



This preview shows how the XYZ color 25.3313, 13.6626, 10.5346 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 25.3313, 13.6626, 10.5346 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 25.3313, 13.6626, 10.5346

Background



This preview shows how black text looks on a background with the XYZ color 25.3313, 13.6626, 10.5346.



This preview shows how white text looks on a background with the XYZ color 25.3313, 13.6626,

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

25.3313, 13.6626, 10.5346

Protanopia

13.8923, 14.0974, 20.7278

Deuteranopia

14.1735, 13.9045, 9.5262



Tritanopia

23.9372, 13.6761, 3.9629

Trichromacy



Original Color

25.3313, 13.6626, 10.5346

Protanomaly

15.6922, 11.8088, 16.2041

Deuteranomaly

16.7235, 12.2774, 9.6720

Tritanomaly

24.4002, 13.6586, 5.7652

Monochromacy



Original Color

25.3313, 13.6626, 10.5346

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.7307, 9.4280, 10.3813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3313, 13.6626, 10.5346 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, 33, 88)` looks like.

```
.text, #text, p{  
    color:rgb(197, 33, 88)  
}
```

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, 33, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 33, 88) }
```

Border

The CSS property to change the border of an element to XYZ 25.3313, 13.6626, 10.5346 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, 33, 88) }
```


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

```
.border{ border-color:rgb(197, 33, 88) }
```

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

Here you see how a box with a 4 pixel rgb(197, 33, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 33, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 33, 88);  
box-shadow:4px 4px 4px 4px rgb(197, 33,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3313, 13.6626, 10.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 33, 88) }
```

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

```
.background{ background-color: rgb(197, 33,  
88) }
```

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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