

Converting Colors

XYZ(25.9909, 13.1929, 10.5189)

Have a look what the booklet for
XYZ(25.9909, 13.1929, 10.5189)
contains.

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Color

**XYZ(25.8906, 13.1388,
10.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	C90059
RGB	201, 0, 89
RGB Percent	79%, 0%, 35%
CMY	0.2118, 0.9998, 0.6510
CMYK	0.00, 1.00, 0.56, 0.21
HSL	333°, 100%, 39%
HSV	333°, 100%, 79%
XYZ	25.8906, 13.1388, 10.6226
YIQ	70.2450, 91.2270, 70.2910

Conversions

Conversions Part 2

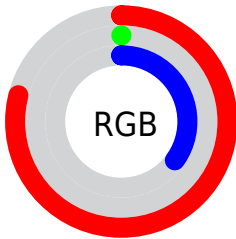
Format	Color
R_{YB}	201, 0, 89
Decimal	13172825
CIE _{Lab}	42.97, 69.93, 9.60
CIE _{LCh}	43, 70.587, 7.820
Yxy	13.1388, 0.5214, 0.2646
Android (android.graphics.Color)	4291362905 (0xFFC90059)
YUV	70.2450, 9.2462, 114.6721
Hunter-Lab	36.2475, 64.0646, 7.9979

Details

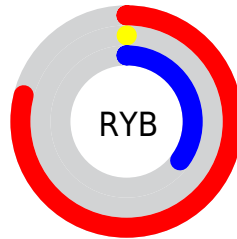
The XYZ color **25.8906, 13.1388, 10.6226** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **23.8139, 42.9442, 22.3746**, and the grayscale version is **5.8403, 6.1444, 6.6913**.

A 20% lighter version of the original color is **49.3084, 29.9405, 27.6063**, and **11.2698, 5.7573, 2.9002** is the 20% darker color. If you saturate the color by 10%, you get **25.8896, 13.1384, 10.6178**, and if you desaturate by 10%, it is **26.6500, 13.8467, 13.3760**.

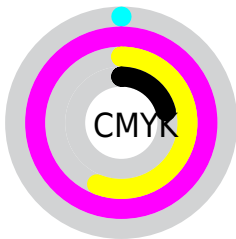
Distribution



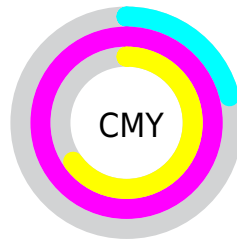
- Red (79%)
- Green (0%)
- Blue (35%)



- Red (79%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8906, 13.1388, 10.6226 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 25.8906, 13.1388, 10.6226 by changing the saturation by 10% instead.


 25.8906, 13.1388,
10.6226


 25.8906, 13.1388,
10.6226


274.5112,
211.8053, 205.7034


 16.8741, 7.5242,
5.7027


 52.5310, 31.5529,
27.5861


 10.2395, 3.7920,
2.5993


 70.8855, 45.1212,
40.4667


 5.6215, 1.5579,
0.8921

 93.0834, 62.1095,
56.8380

 2.6548, 0.3290,
0.0000

 119.4901, 82.9023,
77.1185

 0.9740, 0.0000,
0.0000

 150.4708,
107.8838, 101.7267

 0.0000, 0.0000,
0.0000

 186.3910,

137.4386, 131.0813

227.6160,
171.9510, 165.6006

■ 25.8906, 13.1388,
10.6226

■ 25.8906, 13.1388,
10.6226

■ 25.8896, 13.1384,
10.6178

■ 26.6500, 13.8467,
13.3760

■ 27.7458, 15.1079,
16.6097

■ 29.2716, 17.1051,
20.3688

■ 31.2780, 19.9352,
24.6837

■ 33.8081, 23.6803,
29.5813

■ 36.8998, 28.4122,
35.0864

■ 40.5873, 34.1958,
41.2221

■ 44.9022, 41.0903,
48.0098

■ 49.8734, 49.1503,
55.4702

Harmonies

Analogous

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



24.8116, 13.1388, 28.7595



25.8906, 13.1388, 10.6226



22.6409, 13.1388, 2.7097

Triad

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



25.8906, 13.1388, 10.6226



7.1332, 13.1388, 1.3175



8.9579, 13.1388, 63.4349

Complementary

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



25.8906, 13.1388, 10.6226



23.8139, 42.9442, 22.3746

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.



5.9407, 13.1388, 41.4575



25.8906, 13.1388, 10.6226



5.1192, 13.1388, 5.7483

Square

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



25.8906, 13.1388, 10.6226



11.1252, 13.1388, 0.2907



4.7567, 13.1388, 18.7552



13.9578, 13.1388, 68.7811

Rectangle

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



25.8906, 13.1388, 10.6226



18.8886, 13.1388, 1.0034



4.7567, 13.1388, 18.7552



7.7263, 13.1388, 57.2449

Sweetspot

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



25.8909, 13.1396, 10.6228



69.1898, 58.0720, 70.0912



17.0443, 7.5694, 55.8209



14.2085, 11.4826, 14.0168



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.



25.8909, 13.1396, 10.6228



44.2140, 22.4496, 17.5911



24.1970, 12.6365, 1.1649



10.8257, 10.7137, 12.0653



16.3230, 8.2787, 6.9105



0.8092, 0.4065, 0.5184

Inverse Universe

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



25.8909, 13.1396, 10.6228



44.2140, 22.4496, 17.5911



29.1634, 41.4578, 61.7233



10.8257, 10.7137, 12.0653



16.3230, 8.2787, 6.9105



0.8092, 0.4065, 0.5184

Previews

White Background



This preview shows how the XYZ color 25.8906, 13.1388, 10.6226 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 25.8906, 13.1388, 10.6226 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 25.8906, 13.1388, 10.6226

Background



This preview shows how black text looks on a background with the XYZ color 25.8906, 13.1388, 10.6226.



This preview shows how white text looks on a background with the XYZ color 25.8906, 13.1388,

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

25.8906, 13.1388, 10.6226

Protanopia

13.8497, 13.8821, 22.7184

Deuteranopia

14.0684, 13.8460, 9.7156



Tritanopia

24.4874, 13.5252, 2.9101

Trichromacy



Original Color

25.8906, 13.1388, 10.6226

Protanomaly

14.9772, 10.2622, 17.1110

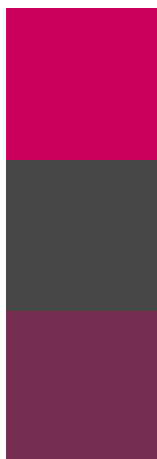
Deuteranomaly

16.1961, 10.8862, 9.6351

Tritanomaly

24.8154, 13.1680, 4.8482

Monochromacy



Original Color

25.8906, 13.1388, 10.6226

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7492, 6.2641, 7.7164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8906, 13.1388, 10.6226 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(201, 0, 89)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 89)  
}
```

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(201, 0, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 89) }
```

Border

The CSS property to change the border of an element to XYZ 25.8906, 13.1388, 10.6226 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(201, 0, 89) }
```


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

```
.border{ border-color:rgb(201, 0, 89) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 89);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 89)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8906, 13.1388, 10.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 89) }
```

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

```
.background{ background-color: rgb(201, 0,  
89) }
```

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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