

Converting Colors

XYZ(25.8670, 13.1605, 9.0901)

Have a look what the booklet for
XYZ(25.8670, 13.1605, 9.0901)
contains.

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Color

**XYZ(25.8801, 13.1658,
9.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0052
RGB	202, 0, 82
RGB Percent	79%, 0%, 32%
CMY	0.2078, 0.9998, 0.6784
CMYK	0.00, 1.00, 0.59, 0.21
HSL	336°, 100%, 40%
HSV	336°, 100%, 79%
XYZ	25.8801, 13.1658, 9.1599
YIQ	69.7460, 94.0700, 68.3260

Conversions

Conversions Part 2

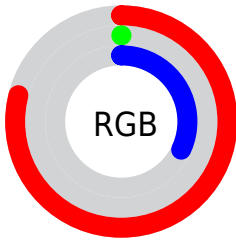
Format	Color
R_{YB}	202, 0, 82
Decimal	13238354
CIE _{Lab}	43.01, 69.71, 14.11
CIE _{LCh}	43, 71.127, 11.443
Yxy	13.1658, 0.5369, 0.2731
Android (android.graphics.Color)	4291428434 (0xFFCA0052)
YUV	69.7460, 6.0412, 115.9868
Hunter-Lab	36.2847, 63.8170, 10.4318

Details

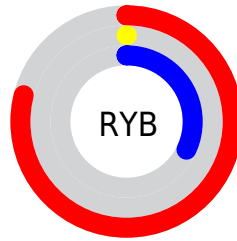
The XYZ color **25.8801, 13.1658, 9.1599** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **24.5136, 43.5981, 24.9060**, and the grayscale version is **5.7627, 6.0628, 6.6023**.

A 20% lighter version of the original color is **48.7449, 29.7151, 24.6392**, and **11.1651, 5.7154, 2.3484** is the 20% darker color. If you saturate the color by 10%, you get **25.8790, 13.1653, 9.1548**, and if you desaturate by 10%, it is **26.6319, 13.8736, 11.8646**.

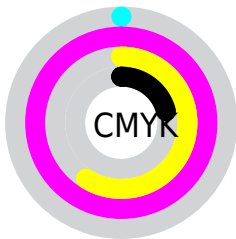
Distribution



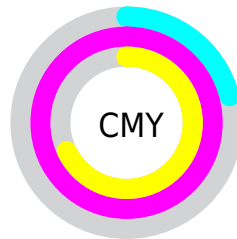
- Red (79%)
- Green (0%)
- Blue (32%)



- Red (79%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8801, 13.1658, 9.1599 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 25.8801, 13.1658, 9.1599 by changing the saturation by 10% instead.

 25.8801, 13.1658,
9.1599


 25.8801, 13.1658,
9.1599


274.4605,
211.9775, 194.8281


 16.8662, 7.5428,
4.7474


 52.5141, 31.6013,
24.7855


 10.2338, 3.8038,
2.0437


 70.8650, 45.1827,
36.8357

 5.6177, 1.5644,
0.5819

 93.0588, 62.1856,
52.2688

 2.6525, 0.3334,
0.0000

 119.4610, 82.9945,
71.5035

 0.9728, 0.0000,
0.0000

 150.4369,
107.9937, 94.9582

 0.0000, 0.0000,
0.0000

 186.3519,

137.5677, 123.0515

227.5713,
172.1008, 156.2020

■ 25.8801, 13.1658,
9.1599

■ 25.8801, 13.1658,
9.1599

■ 25.8790, 13.1653,
9.1548

■ 26.6319, 13.8736,
11.8646

■ 27.7326, 15.1448,
15.0987

■ 29.2772, 17.1642,
18.9119

■ 31.3177, 20.0300,
23.3383

■ 33.8982, 23.8256,
28.4084

■ 37.0579, 28.6239,
34.1503

■ 40.8318, 34.4909,
40.5902

■ 45.2523, 41.4866,
47.7528

■ 50.3494, 49.6667,
55.6611

Harmonies

Analogous

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



25.3367, 13.1658, 26.1899



25.8801, 13.1658, 9.1599



22.1476, 13.1658, 2.2237

Triad

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



25.8801, 13.1658, 9.1599



6.7723, 13.1658, 1.5457



9.4613, 13.1658, 65.8972

Complementary

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



25.8801, 13.1658, 9.1599



24.5136, 43.5981, 24.9060

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.



6.1788, 13.1658, 44.8609



25.8801, 13.1658, 9.1599



4.9669, 13.1658, 6.7381

Square

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



25.8801, 13.1658, 9.1599



10.5445, 13.1658, 0.3108



4.7871, 13.1658, 21.1651



14.7139, 13.1658, 68.6030

Rectangle

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



25.8801, 13.1658, 9.1599



18.2326, 13.1658, 0.8169



4.7871, 13.1658, 21.1651



8.1364, 13.1658, 60.2747

Sweetspot

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



25.8804, 13.1666, 9.1601



68.8363, 57.9306, 68.2296



18.1121, 8.1063, 56.4868



14.1255, 11.4494, 13.5797



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.



25.8804, 13.1666, 9.1601



43.7125, 22.2490, 14.9501



24.5557, 12.9535, 1.2073



11.3979, 11.2879, 12.6297



16.6946, 8.4884, 6.1104



0.8986, 0.4528, 0.5118

Inverse Universe

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



25.8804, 13.1666, 9.1601



43.7125, 22.2490, 14.9501



28.0456, 39.0335, 61.9328



11.3979, 11.2879, 12.6297



16.6946, 8.4884, 6.1104



0.8986, 0.4528, 0.5118

Previews

White Background



This preview shows how the XYZ color 25.8801, 13.1658, 9.1599 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 25.8801, 13.1658, 9.1599 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 25.8801, 13.1658, 9.1599

Background



This preview shows how black text looks on a background with the XYZ color 25.8801, 13.1658, 9.1599.



This preview shows how white text looks on a background with the XYZ color 25.8801, 13.1658,

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

25.8801, 13.1658, 9.1599

Protanopia

13.6072, 13.8233, 19.7203

Deuteranopia

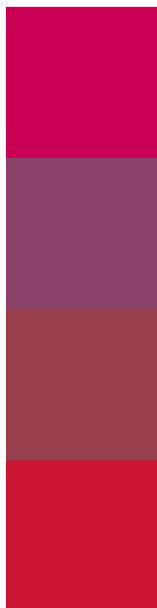
13.9766, 13.6898, 8.2091



Tritanopia

24.6106, 13.4660, 2.5984

Trichromacy



Original Color

25.8801, 13.1658, 9.1599

Protanomaly

15.0310, 10.3403, 14.8393

Deuteranomaly

16.0309, 10.7522, 8.0679

Tritanomaly

24.9313, 13.1841, 4.2484

Monochromacy



Original Color

25.8801, 13.1658, 9.1599

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.6456, 6.2227, 7.1713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8801, 13.1658, 9.1599 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(202, 0, 82)` looks like.

```
.text, #text, p{  
  color:rgb(202, 0, 82)  
}
```

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(202, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.8801, 13.1658, 9.1599 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(202, 0, 82) }
```


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

```
.border{ border-color:rgb(202, 0, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 0, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(202, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8801, 13.1658, 9.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 82) }
```

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

```
.background{ background-color: rgb(202, 0,  
82) }
```

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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