

Converting Colors

XYZ(25.7395, 13.4265, 10.4666)

Have a look what the booklet for
XYZ(25.7395, 13.4265, 10.4666)
contains.

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Color

**XYZ(25.8310, 13.4843,
10.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	C81458
RGB	200, 20, 88
RGB Percent	78%, 8%, 35%
CMY	0.2157, 0.9215, 0.6549
CMYK	0.00, 0.90, 0.56, 0.22
HSL	337°, 82%, 43%
HSV	337°, 90%, 78%
XYZ	25.8310, 13.4843, 10.4738
YIQ	81.5720, 85.4520, 59.3080

Conversions

Conversions Part 2

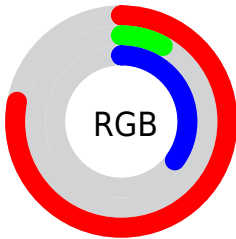
Format	Color
R_{YB}	200, 20, 88
Decimal	13112408
CIE Lab	43.48, 67.47, 10.92
CIE LCh	43, 68.351, 9.193
Yxy	13.4843, 0.5188, 0.2708
Android (android.graphics.Color)	4291302488 (0xFFC81458)
YUV	81.5720, 3.1690, 103.8614
Hunter-Lab	36.7210, 61.3023, 8.7936

Details

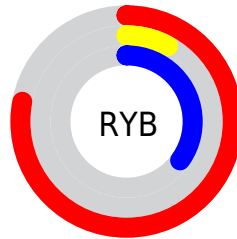
The XYZ color **25.8310, 13.4843, 10.4738** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **25.1098, 43.1239, 28.8394**, and the grayscale version is **7.9192, 8.3316, 9.0731**.

A 20% lighter version of the original color is **49.6546, 30.7493, 27.3629**, and **11.0835, 5.6634, 2.7945** is the 20% darker color. If you saturate the color by 10%, you get **25.1086, 12.7955, 7.9029**, and if you desaturate by 10%, it is **26.9009, 14.7274, 13.5950**.

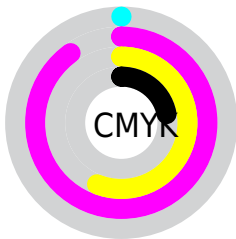
Distribution



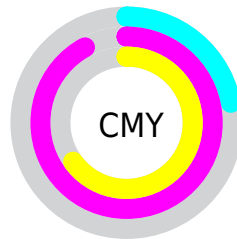
- Red (78%)
- Green (8%)
- Blue (35%)



- Red (78%)
- Yellow (8%)
- Blue (35%)



- Cyan (0%)
- Magenta (90%)
- Yellow (56%)
- Black (22%)





- Cyan (22%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8310, 13.4843, 10.4738 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 25.8310, 13.4843, 10.4738 by changing the saturation by 10% instead.

 25.8310, 13.4843,
10.4738


 25.8310, 13.4843,
10.4738


274.2234,
213.9986, 204.6272


 16.8293, 7.7629,
5.6045


 52.4354, 32.1711,
27.3046


 10.2074, 3.9436,
2.5413


 70.7688, 45.9054,
40.1031


 5.6000, 1.6421,
0.8619

 92.9435, 63.0793,
56.3819

 2.6417, 0.3857,
0.0000

 119.3248, 84.0774,
76.5593

 0.9673, 0.0000,
0.0000

 150.2781,
109.2839, 101.0540

 0.0000, 0.0000,
0.0000

 186.1687,

139.0834, 130.2846

227.3621,
173.8601, 164.6694

■ 25.8310, 13.4843,
10.4738

■ 25.8310, 13.4843,
10.4738

■ 25.1086, 12.7955,
7.9029

■ 26.9009, 14.7274,
13.5950

■ 25.1077, 12.7947,
7.8998

■ 28.4111, 16.7036,
17.3178

■ 30.4132, 19.5098,
21.6785

■ 32.9508, 23.2274,
26.7099

■ 36.0626, 27.9280,
32.4418

■ 39.7832, 33.6759,
38.9023

■ 44.1446, 40.5300,
46.1175

■ 49.1766, 48.5447,
54.1123

■ 54.9068, 57.7708,
62.9104

Harmonies

Analogous

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



24.9839, 13.4843, 27.7728



25.8310, 13.4843, 10.4738



22.5146, 13.4843, 2.8475

Triad

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



25.8310, 13.4843, 10.4738



7.3690, 13.4843, 1.6593



9.5094, 13.4843, 62.7683

Complementary

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



25.8310, 13.4843, 10.4738



25.1098, 43.1239, 28.8394

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.



6.4008, 13.4843, 42.1424



25.8310, 13.4843, 10.4738



5.4243, 13.4843, 6.5285

Square

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



25.8310, 13.4843, 10.4738



11.2476, 13.4843, 0.5243



5.1273, 13.4843, 19.8892



14.5248, 13.4843, 66.9056

Rectangle

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



25.8310, 13.4843, 10.4738



18.8152, 13.4843, 1.1477



5.1273, 13.4843, 19.8892



8.2511, 13.4843, 57.0816

Sweetspot

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



25.8313, 13.4851, 10.4740



70.7336, 61.2023, 70.4743



20.0375, 9.4974, 55.4203



14.6147, 12.2799, 14.1989



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.



25.8313, 13.4851, 10.4740



43.3657, 22.1103, 13.1235



24.7395, 13.9174, 2.0455



10.7968, 10.7021, 11.9133



16.0049, 8.1515, 5.2355



0.7929, 0.4000, 0.4327

Inverse Universe

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



25.8313, 13.4851, 10.4740



43.3657, 22.1103, 13.1235



26.8349, 36.5603, 60.2857



10.7968, 10.7021, 11.9133



16.0049, 8.1515, 5.2355



0.7929, 0.4000, 0.4327

Previews

White Background



This preview shows how the XYZ color 25.8310, 13.4843, 10.4738 looks on a white background.

Color Contrast Check

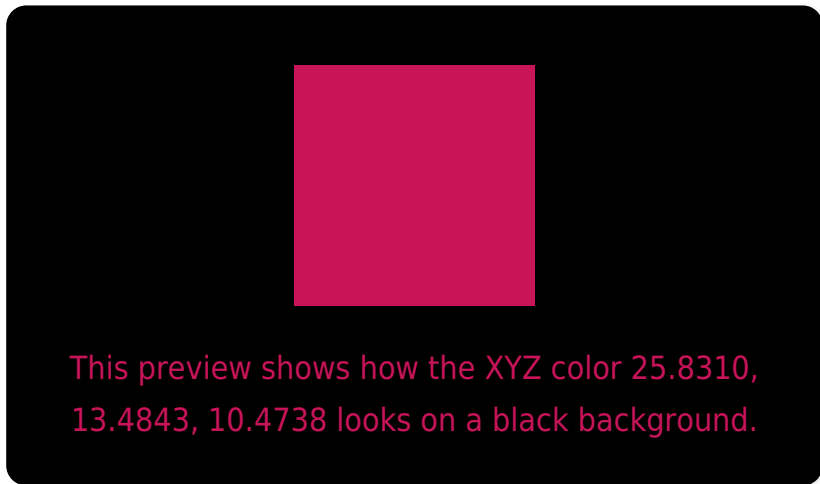
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

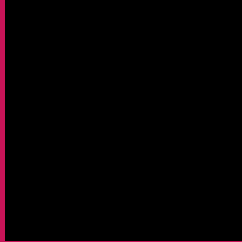
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.8310, 13.4843, 10.4738

Background



This preview shows how black text looks on a background with the XYZ color 25.8310, 13.4843, 10.4738.



This preview shows how white text looks on a background with the XYZ color 25.8310, 13.4843,

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

25.8310, 13.4843, 10.4738

Protanopia

13.7617, 13.8595, 21.6885

Deuteranopia

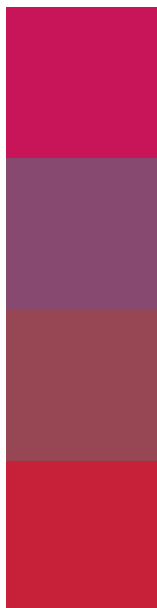
14.0312, 13.8311, 9.5196



Tritanopia

24.3804, 13.6033, 3.2602

Trichromacy



Original Color

25.8310, 13.4843, 10.4738

Protanomaly

15.4605, 11.1692, 16.6702

Deuteranomaly

16.3922, 11.6150, 9.5616

Tritanomaly

24.8082, 13.4705, 5.1634

Monochromacy



Original Color

25.8310, 13.4843, 10.4738

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

11.6216, 8.1280, 9.3438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8310, 13.4843, 10.4738 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(200, 20, 88)` looks like.

```
.text, #text, p{  
    color:rgb(200, 20, 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(200, 20, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 20, 88) }
```

Border

The CSS property to change the border of an element to XYZ 25.8310, 13.4843, 10.4738 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(200, 20, 88) }
```


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

```
.border{ border-color:rgb(200, 20, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 20, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 20, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 20, 88);  
box-shadow:4px 4px 4px 4px rgb(200, 20,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8310, 13.4843, 10.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 20, 88) }
```

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

```
.background{ background-color: rgb(200, 20,  
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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