

Converting Colors

XYZ(25.3064, 13.4578, 6.9316)

Have a look what the booklet for
XYZ(25.3064, 13.4578, 6.9316)
contains.

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Color

**XYZ(25.2630, 13.4478,
6.8944)**

Conversions

Conversions Part 1

Format	Color
Hex	C81A45
RGB	200, 26, 69
RGB Percent	78%, 10%, 27%
CMY	0.2157, 0.8980, 0.7294
CMYK	0.00, 0.87, 0.65, 0.22
HSL	345°, 77%, 44%
HSV	345°, 87%, 78%
XYZ	25.2630, 13.4478, 6.8944
YIQ	82.9280, 89.9010, 50.2610

Conversions

Conversions Part 2

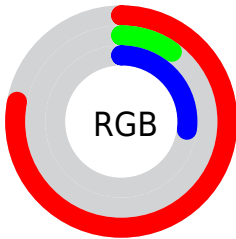
Format	Color
RYB	200, 26, 69
Decimal	13113925
CIELab	43.43, 65.31, 22.75
CIElCh	43, 69.162, 19.205
Yxy	13.4478, 0.5539, 0.2949
Android (android.graphics.Color)	4291304005 (0xFFC81A45)
YUV	82.9280, -6.8665, 102.6721
Hunter-Lab	36.6712, 58.7949, 14.5230

Details

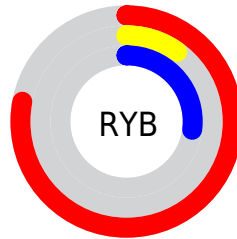
The XYZ color **25.2630, 13.4478, 6.8944** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27.1681, 43.9632, 38.9604**, and the grayscale version is **8.2099, 8.6375, 9.4062**.

A 20% lighter version of the original color is **48.4536, 30.5498, 20.1725**, and **10.6791, 5.4824, 1.5323** is the 20% darker color. If you saturate the color by 10%, you get **24.5491, 12.6758, 4.6356**, and if you desaturate by 10%, it is **26.3996, 14.8758, 9.8796**.

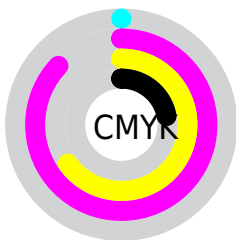
Distribution



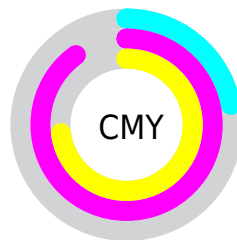
- Red (78%)
- Green (10%)
- Blue (27%)



- Red (78%)
- Yellow (10%)
- Blue (27%)



- Cyan (0%)
- Magenta (87%)
- Yellow (65%)
- Black (22%)





- Cyan (22%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2630, 13.4478, 6.8944 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 25.2630, 13.4478, 6.8944 by changing the saturation by 10% instead.


 25.2630, 13.4478,
6.8944


 25.2630, 13.4478,
6.8944


271.4687,
213.7680, 176.3809


 16.4029, 7.7376,
3.3187


 51.5234, 32.1060,
20.2697

 9.9023, 3.9275,
1.2596


 69.6544, 45.8227,
30.9064

 5.3960, 1.6331,
0.0283

 91.6064, 62.9772,
44.7338

 2.5186, 0.3798,
0.0000

 117.7447, 83.9537,
62.1705

 0.9046, 0.0000,
0.0000

 148.4347,
109.1366, 83.6350

 0.0000, 0.0000,
0.0000

 184.0419,

138.9103, 109.5459

224.9314,
173.6593, 140.3216

■ 25.2630, 13.4478,
6.8944

■ 25.2630, 13.4478,
6.8944

■ 24.5491, 12.6758,
4.6356

■ 26.3996, 14.8758,
9.8796

■ 24.3824, 12.5045,
4.0797

■ 28.0264, 17.0811,
13.6539

■ 30.1960, 20.1569,
18.2718

■ 32.9535, 24.1826,
23.7823

■ 36.3393, 29.2286,
30.2306

■ 40.3900, 35.3585,
37.6586

■ 45.1394, 42.6308,
46.1057

■ 50.6189, 51.0998,
55.6090

■ 56.8582, 60.8162,
66.2038

Harmonies

Analogous

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



25.8869, 13.4478, 20.9273



25.2630, 13.4478, 6.8944



20.8092, 13.4478, 1.7122

Triad

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



25.2630, 13.4478, 6.8944



6.4369, 13.4478, 2.5577



10.9391, 13.4478, 67.3462

Complementary

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



25.2630, 13.4478, 6.8944



27.1681, 43.9632, 38.9604

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.



7.1407, 13.4478, 50.5124



25.2630, 13.4478, 6.8944



5.0708, 13.4478, 9.7615

Square

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



25.2630, 13.4478, 6.8944



9.6697, 13.4478, 0.6688



5.2859, 13.4478, 26.7214



16.4987, 13.4478, 64.2816

Rectangle

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



25.2630, 13.4478, 6.8944



16.8208, 13.4478, 0.7147



5.2859, 13.4478, 26.7214



9.4472, 13.4478, 63.5299

Sweetspot

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



25.2633, 13.4486, 6.8946



70.4021, 61.9379, 66.0523



24.6032, 12.0281, 55.6682



14.5070, 12.4028, 13.1203



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.



25.2633, 13.4486, 6.8946



42.1371, 21.6188, 6.6541



26.1659, 16.6738, 2.8177



10.7395, 10.6792, 11.6117



15.5337, 7.9630, 2.7542



0.7654, 0.3890, 0.2880

Inverse Universe

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



25.2633, 13.4486, 6.8946



42.1371, 21.6188, 6.6541



22.8251, 28.3366, 58.9098



10.7395, 10.6792, 11.6117



15.5337, 7.9630, 2.7542



0.7654, 0.3890, 0.2880

Previews

White Background



This preview shows how the XYZ color 25.2630, 13.4478, 6.8944 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 25.2630, 13.4478, 6.8944 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 25.2630, 13.4478, 6.8944

Background



This preview shows how black text looks on a background with the XYZ color 25.2630, 13.4478, 6.8944.



This preview shows how white text looks on a background with the XYZ color 25.2630, 13.4478,

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

25.2630, 13.4478, 6.8944

Protanopia

13.1658, 13.7271, 13.7601

Deuteranopia

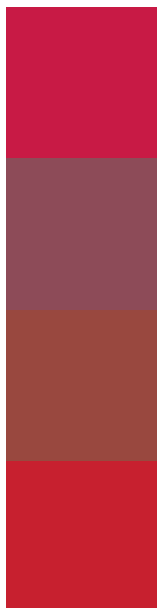
13.8816, 13.6855, 6.1849



Tritanopia

24.4874, 13.5252, 2.9101

Trichromacy



Original Color

25.2630, 13.4478, 6.8944

Protanomaly

15.2620, 11.3995, 10.6284

Deuteranomaly

16.3514, 11.7659, 6.1119

Tritanomaly

24.5828, 13.3804, 3.9763

Monochromacy



Original Color

25.2630, 13.4478, 6.8944

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

11.7020, 8.4309, 8.2183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2630, 13.4478, 6.8944 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, 26, 69)` looks like.

```
.text, #text, p{  
    color:rgb(200, 26, 69)  
}
```

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, 26, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 26, 69) }
```

Border

The CSS property to change the border of an element to XYZ 25.2630, 13.4478, 6.8944 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, 26, 69) }
```


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

```
.border{ border-color:rgb(200, 26, 69) }
```

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

Here you see how a box with a 4 pixel rgb(200, 26, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 26, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 26, 69);  
box-shadow:4px 4px 4px 4px rgb(200, 26,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2630, 13.4478, 6.8944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 26, 69) }
```

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

```
.background{ background-color: rgb(200, 26,  
69) }
```

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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