

Converting Colors

XYZ(25.7780, 12.6540, 2.3588)

Have a look what the booklet for
XYZ(25.7780, 12.6540, 2.3588)
contains.

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Color

**XYZ(26.2597, 13.5088,
2.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	D0001F
RGB	208, 0, 31
RGB Percent	82%, 0%, 12%
CMY	0.1843, 0.9998, 0.8784
CMYK	0.00, 1.00, 0.85, 0.18
HSL	351°, 100%, 41%
HSV	351°, 100%, 82%
XYZ	26.2597, 13.5088, 2.5197
YIQ	65.7260, 114.0170, 53.7370

Conversions

Conversions Part 2

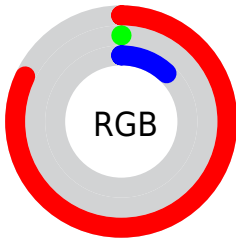
Format	Color
RYB	208, 0, 31
Decimal	13631519
CIELab	43.52, 69.10, 45.63
CIElCh	44, 82.805, 33.437
Yxy	13.5088, 0.6210, 0.3194
Android (android.graphics.Color)	4291821599 (0xFFD0001F)
YUV	65.7260, -17.1199, 124.7743
Hunter-Lab	36.7543, 63.2121, 21.6634

Details

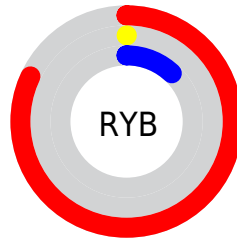
The XYZ color **26.2597, 13.5088, 2.5197** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **30.4964, 48.2877, 49.3310**, and the grayscale version is **5.1529, 5.4213, 5.9038**.

A 20% lighter version of the original color is **45.9073, 28.4514, 10.0933**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.2590, 13.5085, 2.5171**, and if you desaturate by 10%, it is **26.8256, 14.1597, 4.1923**.

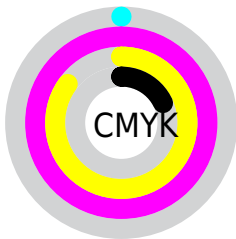
Distribution



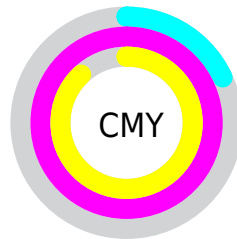
- Red (82%)
- Green (0%)
- Blue (12%)



- Red (82%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2597, 13.5088, 2.5197 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 26.2597, 13.5088, 2.5197 by changing the saturation by 10% instead.

 26.2597, 13.5088,
2.5197


 26.2597, 13.5088,
2.5197


276.2880,
214.1533, 129.9863


 17.1517, 7.7798,
0.8506


 53.1219, 32.2149,
10.4183


 10.4387, 3.9544,
0.0000


 71.6069, 45.9608,
17.4893


 5.7553, 1.6481,
0.0000

 93.9482, 63.1478,
27.1994

 2.7361, 0.3897,
0.0000

 120.5113, 84.1603,
39.9672

 1.0158, 0.0000,
0.0000

 151.6615,
109.3827, 56.2113

 0.0000, 0.0000,
0.0000

 187.7641,

139.1994, 76.3501

229.1844,
173.9948, 100.8023

26.2597, 13.5088,
2.5197

26.2597, 13.5088,
2.5197

26.2590, 13.5085,
2.5171

26.8256, 14.1597,
4.1923

27.8230, 15.4388,
6.7310

29.3637, 17.5454,
10.2493

31.5132, 20.5894,
14.8355

34.3279, 24.6637,
20.5677

■ 37.8574, 29.8501,
27.5169

■ 42.1464, 36.2220,
35.7479

■ 47.2363, 43.8467,
45.3211

■ 53.1650, 52.7862,
56.2931

Harmonies

Analogous

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



29.6775, 13.5088, 12.6757



26.2597, 13.5088, 2.5197



19.2403, 13.5088, 0.0678

Triad

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



26.2597, 13.5088, 2.5197



4.6209, 13.5088, 3.8408



13.5996, 13.5088, 86.5631

Complementary

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



26.2597, 13.5088, 2.5197



30.4964, 48.2877, 49.3310

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.



8.0440, 13.5088, 75.0706



26.2597, 13.5088, 2.5197



3.9985, 13.5088, 16.9484

Square

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



26.2597, 13.5088, 2.5197



7.1353, 13.5088, 0.4149



5.0084, 13.5088, 44.3442



20.9808, 13.5088, 68.9189

Rectangle

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



26.2597, 13.5088, 2.5197



14.3137, 13.5088, 0.0000



5.0084, 13.5088, 44.3442



11.4705, 13.5088, 86.0125

Sweetspot

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



26.2600, 13.5097, 2.5199



66.5420, 57.0129, 56.1482



29.4728, 13.8793, 60.7995



13.5937, 11.2367, 10.7792



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.



26.2600, 13.5097, 2.5199



41.5892, 21.3997, 3.7687



28.3837, 18.1525, 2.0091



11.8794, 11.8365, 12.6409



16.3884, 8.4282, 1.6857



0.9398, 0.4806, 0.2176

Inverse Universe

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



26.2600, 13.5097, 2.5199



41.5892, 21.3997, 3.7687



20.0796, 21.9423, 62.8509



11.8794, 11.8365, 12.6409



16.3884, 8.4282, 1.6857



0.9398, 0.4806, 0.2176

Previews

White Background



This preview shows how the XYZ color 26.2597, 13.5088, 2.5197 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 26.2597, 13.5088, 2.5197 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 26.2597, 13.5088, 2.5197

Background



This preview shows how black text looks on a background with the XYZ color 26.2597, 13.5088, 2.5197.



This preview shows how white text looks on a background with the XYZ color 26.2597, 13.5088,

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

26.2597, 13.5088, 2.5197

Protanopia

12.8516, 14.0552, 5.1675

Deuteranopia

14.2300, 14.1009, 1.9717



Tritanopia

25.9650, 13.7311, 1.2819

Trichromacy



Original Color

26.2597, 13.5088, 2.5197

Protanomaly

14.8562, 10.5857, 3.6431

Deuteranomaly

16.3910, 11.1645, 1.6077

Tritanomaly

25.9240, 13.5525, 1.5662

Monochromacy



Original Color

26.2597, 13.5088, 2.5197

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.9418, 5.7645, 4.0095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2597, 13.5088, 2.5197 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(208, 0, 31)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 31)  
}
```

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(208, 0, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 31) }
```

Border

The CSS property to change the border of an element to XYZ 26.2597, 13.5088, 2.5197 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(208, 0, 31) }
```


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

```
.border{ border-color:rgb(208, 0, 31) }
```

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

Here you see how a box with a 4 pixel rgb(208, 0, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 31);  
box-shadow:4px 4px 4px 4px rgb(208, 0, 31)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2597, 13.5088, 2.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 31) }
```

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

```
.background{ background-color: rgb(208, 0,  
31) }
```

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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