

Converting Colors

XYZ(26.8500, 14.7292, 5.3099)

Have a look what the booklet for
XYZ(26.8500, 14.7292, 5.3099)
contains.

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Color

**XYZ(26.8537, 14.7404,
5.3007)**

Conversions

Conversions Part 1

Format	Color
Hex	CE2539
RGB	206, 37, 57
RGB Percent	81%, 15%, 22%
CMY	0.1922, 0.8548, 0.7765
CMYK	0.00, 0.82, 0.72, 0.19
HSL	353°, 70%, 48%
HSV	353°, 82%, 81%
XYZ	26.8537, 14.7404, 5.3007
YIQ	89.8110, 94.3040, 42.0480

Conversions

Conversions Part 2

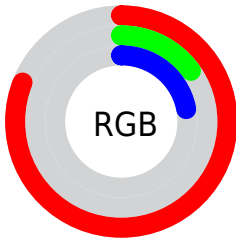
Format	Color
RYB	206, 37, 57
Decimal	13509945
CIELab	45.28, 63.97, 32.62
CIElCh	45, 71.804, 27.021
Yxy	14.7404, 0.5726, 0.3143
Android (android.graphics.Color)	4291700025 (0xFFCE2539)
YUV	89.8110, -16.1758, 101.8978
Hunter-Lab	38.3932, 57.6616, 18.6895

Details

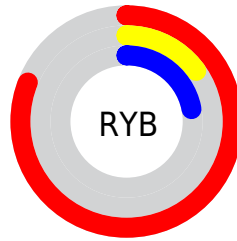
The XYZ color **26.8537, 14.7404, 5.3007** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **31.6993, 48.0818, 54.0732**, and the grayscale version is **9.6978, 10.2029, 11.1109**.

A 20% lighter version of the original color is **48.2959, 31.3738, 16.6070**, and **11.4139, 5.8741, 0.9842** is the 20% darker color. If you saturate the color by 10%, you get **26.0084, 13.6502, 3.1692**, and if you desaturate by 10%, it is **28.2228, 16.6196, 8.4065**.

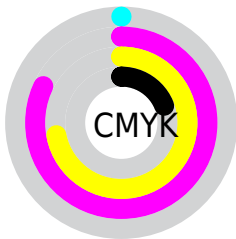
Distribution



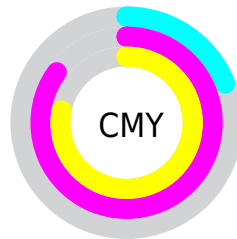
- Red (81%)
- Green (15%)
- Blue (22%)



- Red (81%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (82%)
- Yellow (72%)
- Black (19%)





- Cyan (19%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8537, 14.7404, 5.3007 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 26.8537, 14.7404, 5.3007 by changing the saturation by 10% instead.

 26.8537, 14.7404,
5.3007


 26.8537, 14.7404,
5.3007


279.1285,
221.7895, 161.7401


 17.5994, 8.6374,
2.3629


 54.0706, 34.3971,
16.9131


 10.7607, 4.5054,
0.7662


 72.7638, 48.7196,
26.4248

 5.9723, 1.9601,
0.0000


 95.3341, 66.5507,
38.9649

 2.8687, 0.5841,
0.0000

 122.1468, 88.2749,
54.9519

 1.0847, 0.0000,
0.0000

 153.5672,
114.2764, 74.8044

 0.0123, 0.0000,
0.0000

 189.9608,

 0.0000, 0.0000,

144.9398, 98.9409

0.0000

231.6928,
180.6494, 127.7800

■ 26.8537, 14.7404,
5.3007

■ 26.8537, 14.7404,
5.3007

■ 26.0084, 13.6502,
3.1692

■ 28.2228, 16.6196,
8.4065

■ 25.6221, 13.1892,
2.0793

■ 30.1836, 19.3975,
12.5855

■ 32.7943, 23.1692,
17.9249

■ 36.1061, 28.0172,
24.5029

■ 40.1649, 34.0151,
32.3907

■ 45.0127, 41.2301,
41.6541

■ 50.6884, 49.7243,
52.3544

■ 57.2284, 59.5556,
64.5494

■ 64.6666, 70.7781,
78.2935

Harmonies

Analogous

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



28.7997, 14.7404, 17.8114



26.8537, 14.7404, 5.3007



21.1960, 14.7404, 1.2749

Triad

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



26.8537, 14.7404, 5.3007



6.4448, 14.7404, 4.0141



13.4248, 14.7404, 75.9293

Complementary

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



26.8537, 14.7404, 5.3007



31.6993, 48.0818, 54.0732

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.



8.6655, 14.7404, 62.1267



26.8537, 14.7404, 5.3007



5.4169, 14.7404, 14.4083

Square

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



26.8537, 14.7404, 5.3007



9.4339, 14.7404, 0.9857



6.0974, 14.7404, 35.9800



19.8691, 14.7404, 66.4149

Rectangle

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



26.8537, 14.7404, 5.3007



16.7366, 14.7404, 0.5658



6.0974, 14.7404, 35.9800



11.5975, 14.7404, 73.7196

Sweetspot

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



26.8540, 14.7413, 5.3009



70.2097, 62.7445, 62.3149



31.4426, 15.9052, 59.8049



14.4305, 12.5410, 12.1965



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.



26.8540, 14.7413, 5.3009



41.5936, 21.4900, 3.5190



30.2473, 22.1747, 4.4376



11.2654, 11.2349, 11.9322



15.7963, 8.1291, 1.3799



0.8334, 0.4268, 0.1683

Inverse Universe

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



26.8540, 14.7413, 5.3009



41.5936, 21.4900, 3.5190



21.8832, 24.8082, 62.0272



11.2654, 11.2349, 11.9322



15.7963, 8.1291, 1.3799



0.8334, 0.4268, 0.1683

Previews

White Background



This preview shows how the XYZ color 26.8537, 14.7404, 5.3007 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 26.8537, 14.7404, 5.3007 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 26.8537, 14.7404, 5.3007

Background



This preview shows how black text looks on a background with the XYZ color 26.8537, 14.7404, 5.3007.



This preview shows how white text looks on a background with the XYZ color 26.8537, 14.7404,

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

26.8537, 14.7404, 5.3007

Protanopia

14.0502, 15.0322, 9.9456

Deuteranopia

15.1949, 14.9741, 4.7788



Tritanopia

26.5954, 14.7926, 3.4610

Trichromacy



Original Color

26.8537, 14.7404, 5.3007

Protanomaly

16.5814, 12.8920, 7.7454

Deuteranomaly

17.8907, 13.3046, 4.7571

Tritanomaly

26.6723, 14.7701, 4.0299

Monochromacy



Original Color

26.8537, 14.7404, 5.3007

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

13.1441, 9.9621, 8.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8537, 14.7404, 5.3007 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(206, 37, 57)` looks like.

```
.text, #text, p{  
    color:rgb(206, 37, 57)  
}
```

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(206, 37, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 37, 57) }
```

Border

The CSS property to change the border of an element to XYZ 26.8537, 14.7404, 5.3007 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(206, 37, 57) }
```


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

```
.border{ border-color:rgb(206, 37, 57) }
```

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

Here you see how a box with a 4 pixel rgb(206, 37, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 37, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 37, 57);  
box-shadow:4px 4px 4px 4px rgb(206, 37,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8537, 14.7404, 5.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 37, 57) }
```

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

```
.background{ background-color: rgb(206, 37,  
57) }
```

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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