

Converting Colors

XYZ(26.5430, 13.4938, 9.8074)

Have a look what the booklet for
XYZ(26.5430, 13.4938, 9.8074)
contains.

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Color

**XYZ(26.5415, 13.4932,
9.7999)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0055
RGB	204, 0, 85
RGB Percent	80%, 0%, 33%
CMY	0.2000, 0.9998, 0.6667
CMYK	0.00, 1.00, 0.58, 0.20
HSL	335°, 100%, 40%
HSV	335°, 100%, 80%
XYZ	26.5415, 13.4932, 9.7999
YIQ	70.6860, 94.2990, 69.6830

Conversions

Conversions Part 2

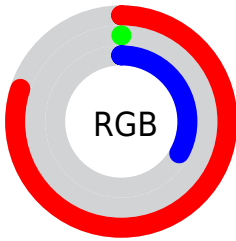
Format	Color
RYB	204, 0, 85
Decimal	13369429
CIELab	43.50, 70.36, 12.95
CIElCh	43, 71.542, 10.430
Yxy	13.4932, 0.5326, 0.2708
Android (android.graphics.Color)	4291559509 (0xFFCC0055)
YUV	70.6860, 7.0568, 116.9164
Hunter-Lab	36.7331, 64.6923, 9.8954

Details

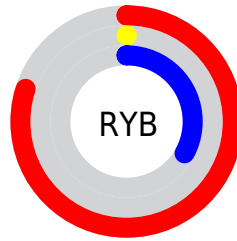
The XYZ color **26.5415, 13.4932, 9.7999** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **24.9253, 44.5186, 24.7440**, and the grayscale version is **5.9171, 6.2253, 6.7793**.

A 20% lighter version of the original color is **48.9513, 29.7976, 25.7258**, and **11.5556, 5.9109, 2.6297** is the 20% darker color. If you saturate the color by 10%, you get **26.5405, 13.4928, 9.7952**, and if you desaturate by 10%, it is **27.3128, 14.2145, 12.5896**.

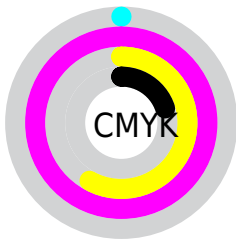
Distribution



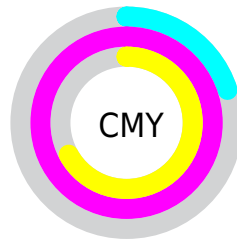
- Red (80%)
- Green (0%)
- Blue (33%)



- Red (80%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5415, 13.4932, 9.7999 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 26.5415, 13.4932, 9.7999 by changing the saturation by 10% instead.


 26.5415, 13.4932,
9.7999

 26.5415, 13.4932,
9.7999


277.6384,
214.0548, 199.6706


 17.3640, 7.7690,
5.1626


 53.5723, 32.1870,
26.0204


 10.5912, 3.9475,
2.2826


 72.1564, 45.9255,
38.4406


 5.8580, 1.6442,
0.7214

 94.6066, 63.1042,
54.2923

 2.7987, 0.3872,
0.0000

 121.2884, 84.1075,
73.9939

 1.0482, 0.0000,
0.0000

 152.5671,
109.3198, 97.9640

 0.0000, 0.0000,
0.0000

 188.8082,

139.1255, 126.6211

230.3768,
173.9091, 160.3838

■ 26.5415, 13.4932,
9.7999

■ 26.5415, 13.4932,
9.7999

■ 26.5405, 13.4928,
9.7952

■ 27.3128, 14.2145,
12.5896

■ 28.4389, 15.5120,
15.9082

■ 30.0165, 17.5736,
19.8051

■ 32.0985, 20.5002,
24.3141

■ 34.7301, 24.3769,
29.4656

■ 37.9511, 29.2787,
35.2875

■ 41.7973, 35.2727,
41.8055

■ 46.3017, 42.4206,
49.0441

■ 51.4949, 50.7794,
57.0262

Harmonies

Analogous

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



25.8291, 13.4932, 27.5803



26.5415, 13.4932, 9.7999



22.8525, 13.4932, 2.4140

Triad

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



26.5415, 13.4932, 9.7999



7.0476, 13.4932, 1.5169



9.5553, 13.4932, 66.8564

Complementary

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



26.5415, 13.4932, 9.7999



24.9253, 44.5186, 24.7440

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.



6.2670, 13.4932, 45.0023



26.5415, 13.4932, 9.7999



5.1371, 13.4932, 6.6136

Square

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



26.5415, 13.4932, 9.7999



10.9782, 13.4932, 0.3241



4.9003, 13.4932, 20.9890



14.8678, 13.4932, 70.3983

Rectangle

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



26.5415, 13.4932, 9.7999



18.8841, 13.4932, 0.8929



4.9003, 13.4932, 20.9890



8.2240, 13.4932, 60.9231

Sweetspot

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



26.5418, 13.4940, 9.8001



68.9387, 57.9716, 68.7687



18.5094, 8.2835, 57.7498



14.1495, 11.4591, 13.7062



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.



26.5418, 13.4940, 9.8001



43.8531, 22.3052, 15.6904



25.1029, 13.2394, 1.2335



11.4029, 11.2899, 12.6563



16.7491, 8.5102, 6.3973



0.9016, 0.4540, 0.5277

Inverse Universe

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



26.5418, 13.4940, 9.8001



43.8531, 22.3052, 15.6904



28.6704, 39.9017, 63.3171



11.4029, 11.2899, 12.6563



16.7491, 8.5102, 6.3973



0.9016, 0.4540, 0.5277

Previews

White Background



This preview shows how the XYZ color 26.5415, 13.4932, 9.7999 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 26.5415, 13.4932, 9.7999 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 26.5415, 13.4932, 9.7999

Background



This preview shows how black text looks on a background with the XYZ color 26.5415, 13.4932, 9.7999.



This preview shows how white text looks on a background with the XYZ color 26.5415, 13.4932,

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

26.5415, 13.4932, 9.7999

Protanopia

13.9552, 14.1226, 21.0592

Deuteranopia

14.2704, 14.1142, 8.8097



Tritanopia

25.1899, 13.8049, 2.7035

Trichromacy



Original Color

26.5415, 13.4932, 9.7999

Protanomaly

15.2439, 10.4255, 15.9607

Deuteranomaly

16.3815, 11.0036, 8.6576

Tritanomaly

25.5131, 13.5093, 4.3948

Monochromacy



Original Color

26.5415, 13.4932, 9.7999

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.8506, 6.3205, 7.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5415, 13.4932, 9.7999 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(204, 0, 85)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 85)  
}
```

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(204, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 85) }
```

Border

The CSS property to change the border of an element to XYZ 26.5415, 13.4932, 9.7999 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(204, 0, 85) }
```


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

```
.border{ border-color:rgb(204, 0, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 85);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 85)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.5415, 13.4932, 9.7999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 85) }
```

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

```
.background{ background-color: rgb(204, 0,  
85) }
```

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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