

Converting Colors

XYZ(21.9862, 5.3068, 3.0855)

Have a look what the booklet for
XYZ(21.9862, 5.3068, 3.0855)
contains.

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Color

**XYZ(26.0734, 13.3697,
4.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	CE0034
RGB	206, 0, 52
RGB Percent	81%, 0%, 20%
CMY	0.1922, 0.9998, 0.7961
CMYK	0.00, 1.00, 0.75, 0.19
HSL	345°, 100%, 40%
HSV	345°, 100%, 81%
XYZ	26.0734, 13.3697, 4.4552
YIQ	67.5220, 106.0840, 59.8440

Conversions

Conversions Part 2

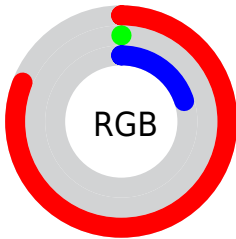
Format	Color
R _Y B	206, 0, 52
Decimal	13500468
CIE Lab	43.32, 69.21, 33.35
CIE LCh	43, 76.827, 25.727
Yxy	13.3697, 0.5940, 0.3046
Android (android.graphics.Color)	4291690548 (0xFFCE0034)
YUV	67.5220, -7.6523, 121.4452
Hunter-Lab	36.5646, 63.2963, 18.3711

Details

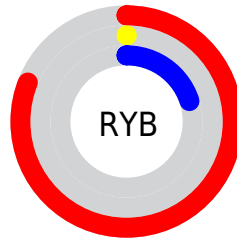
The XYZ color **26.0734, 13.3697, 4.4552** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27.9078, 46.4770, 38.0896**, and the grayscale version is **5.4214, 5.7038, 6.2114**.

A 20% lighter version of the original color is **46.7724, 28.7974, 14.6486**, and **11.3770, 5.8594, 0.7898** is the 20% darker color. If you saturate the color by 10%, you get **26.0726, 13.3694, 4.4516**, and if you desaturate by 10%, it is **26.7403, 14.0551, 6.6774**.

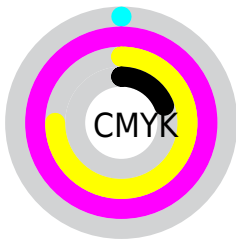
Distribution



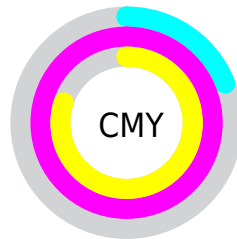
- Red (81%)
- Green (0%)
- Blue (20%)



- Red (81%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0734, 13.3697, 4.4552 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 26.0734, 13.3697, 4.4552 by changing the saturation by 10% instead.


 26.0734, 13.3697,
4.4552


 26.0734, 13.3697,
4.4552

275.3923,
213.2736, 153.1580


 17.0115, 7.6836,
1.8782


 52.8238, 31.9664,
15.0467


 10.3381, 3.8932,
0.4788


 71.2430, 45.6458,
23.8983


 5.6877, 1.6140,
0.0000

 93.5121, 62.7584,
35.6785

 2.6949, 0.3670,
0.0000

 119.9963, 83.6886,
50.8059

 0.9946, 0.0000,
0.0000

 151.0611,
108.8209, 69.6990

 0.0000, 0.0000,
0.0000

 187.0718,

138.5395, 92.7764

228.3938,
173.2290, 120.4565

■ 26.0734, 13.3697,
4.4552

■ 26.0734, 13.3697,
4.4552

■ 26.0726, 13.3694,
4.4516

■ 26.7403, 14.0551,
6.6774

■ 27.8086, 15.3459,
9.6408

■ 29.3819, 17.4355,
13.4239

■ 31.5193, 20.4291,
18.0861

■ 34.2712, 24.4158,
23.6806

■ 37.6822, 29.4736,
30.2564

■ 41.7927, 35.6731,
37.8587

■ 46.6398, 43.0786,
46.5298

■ 52.2577, 51.7496,
56.3098

Harmonies

Analogous

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



27.8965, 13.3697, 17.1412



26.0734, 13.3697, 4.4552



20.3118, 13.3697, 0.7826

Triad

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



26.0734, 13.3697, 4.4552



5.3971, 13.3697, 2.7957



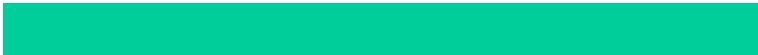
11.8729, 13.3697, 77.9047

Complementary

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



26.0734, 13.3697, 4.4552



27.9078, 46.4770, 38.0896

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.



7.2865, 13.3697, 61.9822



26.0734, 13.3697, 4.4552



4.3650, 13.3697, 12.2471

Square

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



26.0734, 13.3697, 4.4552



8.3552, 13.3697, 0.3824



4.9291, 13.3697, 33.9478



18.3570, 13.3697, 68.6282

Rectangle

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



26.0734, 13.3697, 4.4552



15.7462, 13.3697, 0.0158



4.9291, 13.3697, 33.9478



10.0873, 13.3697, 75.1191

Sweetspot

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



26.0737, 13.3705, 4.4554



67.4300, 57.3681, 60.8240



23.9178, 11.0438, 59.2631



13.7980, 11.3184, 11.8551



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.



26.0737, 13.3705, 4.4554



42.1749, 21.6339, 6.8530



26.5146, 15.2438, 1.5461



11.3265, 11.2593, 12.2540



16.0881, 8.2458, 2.9169



0.8614, 0.4380, 0.3162

Inverse Universe

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



26.0737, 13.3705, 4.4554



42.1749, 21.6339, 6.8530



23.3581, 28.8906, 62.7374



11.3265, 11.2593, 12.2540



16.0881, 8.2458, 2.9169



0.8614, 0.4380, 0.3162

Previews

White Background



This preview shows how the XYZ color 26.0734, 13.3697, 4.4552 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 26.0734, 13.3697, 4.4552 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 26.0734, 13.3697, 4.4552

Background



This preview shows how black text looks on a background with the XYZ color 26.0734, 13.3697, 4.4552.



This preview shows how white text looks on a background with the XYZ color 26.0734, 13.3697,

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

26.0734, 13.3697, 4.4552

Protanopia

13.1088, 14.0980, 9.2380

Deuteranopia

14.0508, 13.8227, 3.9350



Tritanopia

25.5243, 13.5472, 1.6851

Trichromacy



Original Color

26.0734, 13.3697, 4.4552

Protanomaly

14.9354, 10.5550, 6.8804

Deuteranomaly

16.3327, 11.0060, 3.6464

Tritanomaly

25.5304, 13.3508, 2.3300

Monochromacy



Original Color

26.0734, 13.3697, 4.4552

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

9.2046, 5.9271, 5.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0734, 13.3697, 4.4552 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, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 52)  
}
```

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, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 52) }
```

Border

The CSS property to change the border of an element to XYZ 26.0734, 13.3697, 4.4552 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, 0, 52) }
```


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

```
.border{ border-color:rgb(206, 0, 52) }
```

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

Here you see how a box with a 4 pixel rgb(206, 0, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 52);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 52)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.0734, 13.3697, 4.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 52) }
```

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

```
.background{ background-color: rgb(206, 0,  
52) }
```

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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