

Converting Colors

XYZ(25.1440, 11.1521, 4.6314)

Have a look what the booklet for
XYZ(25.1440, 11.1521, 4.6314)
contains.

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Color

**XYZ(26.1674, 13.4073,
4.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	CE0038
RGB	206, 0, 56
RGB Percent	81%, 0%, 22%
CMY	0.1922, 0.9998, 0.7804
CMYK	0.00, 1.00, 0.73, 0.19
HSL	344°, 100%, 40%
HSV	344°, 100%, 81%
XYZ	26.1674, 13.4073, 4.9501
YIQ	67.9780, 104.8000, 61.0880

Conversions

Conversions Part 2

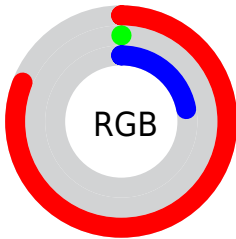
Format	Color
R_{YB}	206, 0, 56
Decimal	13500472
CIE Lab	43.37, 69.36, 30.98
CIE LCh	43, 75.967, 24.069
Yxy	13.4073, 0.5877, 0.3011
Android (android.graphics.Color)	4291690552 (0xFFCE0038)
YUV	67.9780, -5.9052, 121.0453
Hunter-Lab	36.6160, 63.4860, 17.6158

Details

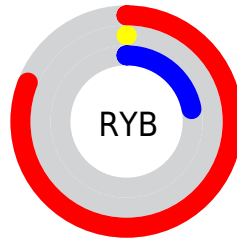
The XYZ color **26.1674, 13.4073, 4.9501** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27.5799, 46.3459, 36.3631**, and the grayscale version is **5.4919, 5.7779, 6.2921**.

A 20% lighter version of the original color is **47.0964, 29.0557, 15.9580**, and **11.4139, 5.8741, 0.9842** is the 20% darker color. If you saturate the color by 10%, you get **26.1665, 13.4070, 4.9463**, and if you desaturate by 10%, it is **26.8525, 14.0999, 7.2681**.

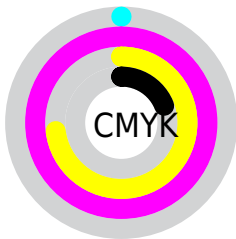
Distribution



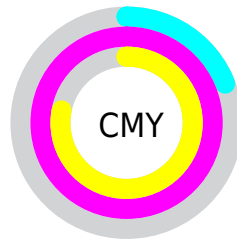
- Red (81%)
- Green (0%)
- Blue (22%)



- Red (81%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1674, 13.4073, 4.9501 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 26.1674, 13.4073, 4.9501 by changing the saturation by 10% instead.

 26.1674, 13.4073,
4.9501


 26.1674, 13.4073,
4.9501


275.8445,
213.5118, 158.2635


 17.0823, 7.7096,
2.1598


 52.9743, 32.0336,
16.1476


 10.3888, 3.9097,
0.6510


 71.4267, 45.7310,
25.3920


 5.7217, 1.6232,
0.0000

 93.7322, 62.8638,
37.6247

 2.7157, 0.3732,
0.0000

 120.2563, 83.8163,
53.2644

 1.0053, 0.0000,
0.0000

 151.3642,
108.9729, 72.7296

 0.0000, 0.0000,
0.0000

 187.4213,

138.7181, 96.4388

228.7929,
173.4363, 124.8106

■ 26.1674, 13.4073,
4.9501

■ 26.1674, 13.4073,
4.9501

■ 26.1665, 13.4070,
4.9463

■ 26.8525, 14.0999,
7.2681

■ 27.9347, 15.3963,
10.3049

■ 29.5168, 17.4895,
14.1344

■ 31.6572, 20.4843,
18.8120

■ 34.4055, 24.4694,
24.3877

■ 37.8058, 29.5230,
30.9073

■ 41.8980, 35.7152,
38.4132

■ 46.7187, 43.1101,
46.9453

■ 52.3016, 51.7670,
56.5409

Harmonies

Analogous

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



27.6920, 13.4073, 18.2207



26.1674, 13.4073, 4.9501



20.6301, 13.4073, 0.9274

Triad

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



26.1674, 13.4073, 4.9501



5.5858, 13.4073, 2.6261



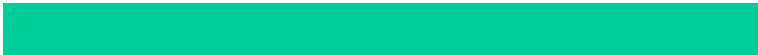
11.6062, 13.4073, 76.6605

Complementary

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



26.1674, 13.4073, 4.9501



27.5799, 46.3459, 36.3631

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.



7.1765, 13.4073, 59.8983



26.1674, 13.4073, 4.9501



4.4602, 13.4073, 11.4909

Square

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



26.1674, 13.4073, 4.9501



8.6526, 13.4073, 0.3786



4.9361, 13.4073, 32.2705



17.9546, 13.4073, 68.9243

Rectangle

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



26.1674, 13.4073, 4.9501



16.1189, 13.4073, 0.1208



4.9361, 13.4073, 32.2705



9.8752, 13.4073, 73.4604

Sweetspot

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



26.1677, 13.4081, 4.9503



67.6020, 57.4369, 61.7300



23.2895, 10.7199, 59.2338



13.8378, 11.3344, 12.0648



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.



26.1677, 13.4081, 4.9503



42.3230, 21.6932, 7.6331



26.3793, 14.9732, 1.5009



11.3355, 11.2629, 12.3011



16.1478, 8.2697, 3.2313



0.8655, 0.4396, 0.3377

Inverse Universe

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



26.1677, 13.4081, 4.9503



42.3230, 21.6932, 7.6331



23.9515, 30.0775, 62.9353



11.3355, 11.2629, 12.3011



16.1478, 8.2697, 3.2313



0.8655, 0.4396, 0.3377

Previews

White Background



This preview shows how the XYZ color 26.1674, 13.4073, 4.9501 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



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 26.1674, 13.4073, 4.9501

Background



This preview shows how black text looks on a background with the XYZ color 26.1674, 13.4073, 4.9501.



This preview shows how white text looks on a background with the XYZ color 26.1674, 13.4073,

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

26.1674, 13.4073, 4.9501

Protanopia

13.2074, 14.1228, 10.4174

Deuteranopia

14.2367, 14.0496, 4.4441



Tritanopia

25.5844, 13.6324, 1.8132

Trichromacy



Original Color

26.1674, 13.4073, 4.9501

Protanomaly

15.0972, 10.6197, 7.7327

Deuteranomaly

16.4883, 11.1576, 4.1903

Tritanomaly

25.5950, 13.4197, 2.5376

Monochromacy



Original Color

26.1674, 13.4073, 4.9501

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

9.2605, 5.9495, 5.5108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1674, 13.4073, 4.9501 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 56) }
```

Border

The CSS property to change the border of an element to XYZ 26.1674, 13.4073, 4.9501 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, 56) }
```


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

```
.border{ border-color:rgb(206, 0, 56) }
```

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, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 56);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 56)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1674, 13.4073, 4.9501 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, 56) }
```

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

```
.background{ background-color: rgb(206, 0,  
56) }
```

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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