

Converting Colors

XYZ(26.1386, 13.4737, 1.2794)

Have a look what the booklet for
XYZ(26.1386, 13.4737, 1.2794)
contains.

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Color

**XYZ(26.0234, 13.4143,
1.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	D00002
RGB	208, 0, 2
RGB Percent	82%, 0%, 1%
CMY	0.1843, 0.9998, 0.9921
CMYK	0.00, 1.00, 0.99, 0.18
HSL	359°, 100%, 41%
HSV	359°, 100%, 82%
XYZ	26.0234, 13.4143, 1.2751
YIQ	62.4200, 123.3260, 44.7180

Conversions

Conversions Part 2

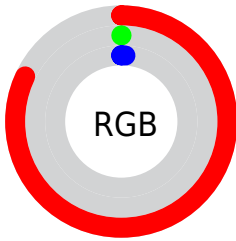
Format	Color
RYB	208, 0, 2
Decimal	13631490
CIELab	43.38, 68.72, 56.96
CIElCh	43, 89.259, 39.656
Yxy	13.4143, 0.6392, 0.3295
Android (android.graphics.Color)	4291821570 (0xFFD00002)
YUV	62.4200, -29.7871, 127.6737
Hunter-Lab	36.6255, 62.7342, 23.5737

Details

The XYZ color **26.0234, 13.4143, 1.2751** 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 **33.7021, 49.5700, 66.2116**, and the grayscale version is **4.6728, 4.9162, 5.3537**.

A 20% lighter version of the original color is **45.2336, 28.1819, 6.5456**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **26.0229, 13.4141, 1.2738**, and if you desaturate by 10%, it is **26.4283, 14.0008, 2.0996**.

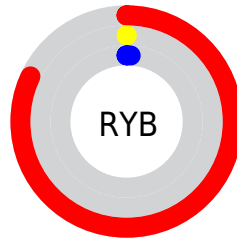
Distribution



Red (82%)

Green (0%)

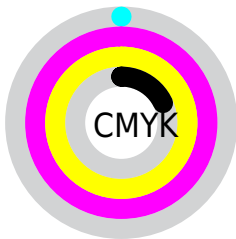
Blue (1%)



Red (82%)

Yellow (0%)

Blue (1%)

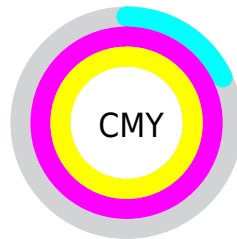


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0234, 13.4143, 1.2751 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 26.0234, 13.4143, 1.2751 by changing the saturation by 10% instead.


 26.0234, 13.4143,
1.2751


 26.0234, 13.4143,
1.2751


 275.1515,
213.5561, 109.8496


 16.9739, 7.7145,
0.0413


 52.7437, 32.0461,
6.9425


 10.3111, 3.9128,
0.0000


 71.1453, 45.7469,
12.4764

 5.6695, 1.6249,
0.0000

 93.3949, 62.8834,
20.3684

 2.6839, 0.3743,
0.0000

 119.8580, 83.8400,
31.0371


 0.9889, 0.0000,
0.0000


 150.8998,
109.0012, 44.9010


 0.0000, 0.0000,
0.0000


 186.8858,


138.7514, 62.3787


 228.1812,
173.4749, 83.8887


 26.0234, 13.4143,
1.2751


 26.0234, 13.4143,
1.2751


 26.0229, 13.4141,
1.2738

 26.4283, 14.0008,
2.0996

 27.2676, 15.2167,
3.8057

 28.6793, 17.2718,
6.6451

 30.7410, 20.2806,
10.7681

 33.5181, 24.3400,
16.3024

■ 37.0682, 29.5346,
23.3599

■ 41.4429, 35.9409,
32.0418

■ 46.6894, 43.6283,
42.4401

■ 52.8514, 52.6613,
54.6403

Harmonies

Analogous

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



30.9388, 13.4143, 9.0895



26.0234, 13.4143, 1.2751



17.9722, 13.4143, 0.0000

Triad

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



26.0234, 13.4143, 1.2751



3.8868, 13.4143, 4.9436



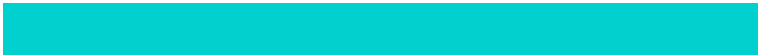
15.1207, 13.4143, 93.9085

Complementary

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



26.0234, 13.4143, 1.2751



33.7021, 49.5700, 66.2116

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.



8.6520, 13.4143, 87.6834



26.0234, 13.4143, 1.2751



3.6027, 13.4143, 21.9963

Square

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



26.0234, 13.4143, 1.2751



5.9912, 13.4143, 0.4247



4.9908, 13.4143, 55.0655



23.2976, 13.4143, 68.1752

Rectangle

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



26.0234, 13.4143, 1.2751



12.8301, 13.4143, 0.0000



4.9908, 13.4143, 55.0655



12.6700, 13.4143, 95.7900

Sweetspot

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



26.0237, 13.4152, 1.2753



65.4190, 56.5637, 50.2343



36.4339, 17.4679, 61.1254



13.3385, 11.1346, 9.4352



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.



26.0237, 13.4152, 1.2753



41.2531, 21.2653, 1.9992



30.6232, 22.6314, 2.7556



11.8132, 11.8100, 12.2922



16.2211, 8.3613, 0.8044



0.9086, 0.4682, 0.0535

Inverse Universe

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



26.0237, 13.4152, 1.2753



41.2531, 21.2653, 1.9992



16.6944, 15.1718, 61.7226



11.8132, 11.8100, 12.2922



16.2211, 8.3613, 0.8044



0.9086, 0.4682, 0.0535

Previews

White Background



This preview shows how the XYZ color 26.0234, 13.4143, 1.2751 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 26.0234, 13.4143, 1.2751

Background



This preview shows how black text looks on a background with the XYZ color 26.0234, 13.4143, 1.2751.



This preview shows how white text looks on a background with the XYZ color 26.0234, 13.4143,

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

26.0234, 13.4143, 1.2751

Protanopia

12.7206, 14.0338, 3.0753

Deuteranopia

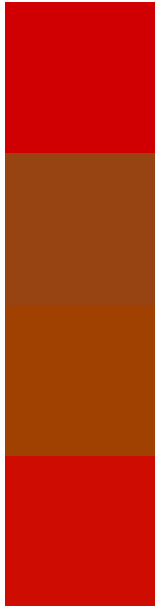
14.0729, 14.0199, 1.9644



Tritanopia

25.6865, 13.5876, 1.2688

Trichromacy



Original Color

26.0234, 13.4143, 1.2751

Protanomaly

14.8788, 10.6373, 1.8413

Deuteranomaly

16.3361, 11.1426, 1.3184

Tritanomaly

25.8691, 13.5305, 1.2769

Monochromacy



Original Color

26.0234, 13.4143, 1.2751

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

8.1788, 5.2491, 2.5896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0234, 13.4143, 1.2751 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, 2)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 2)  
}
```

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, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 26.0234, 13.4143, 1.2751 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, 2) }
```


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

```
.border{ border-color:rgb(208, 0, 2) }
```

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, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(208, 0, 2); box-shadow:4px  
4px 4px 4px rgb(208, 0, 2) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0234, 13.4143, 1.2751 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, 2) }
```

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

```
.background{ background-color: rgb(208, 0,  
2) }
```

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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