

Converting Colors

XYZ(26.5305, 13.6530, 2.3257)

Have a look what the booklet for
XYZ(26.5305, 13.6530, 2.3257)
contains.

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Color

**XYZ(26.5041, 13.6391,
2.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	D1001C
RGB	209, 0, 28
RGB Percent	82%, 0%, 11%
CMY	0.1804, 0.9998, 0.8902
CMYK	0.00, 1.00, 0.87, 0.18
HSL	352°, 100%, 41%
HSV	352°, 100%, 82%
XYZ	26.5041, 13.6391, 2.3343
YIQ	65.6830, 115.5760, 53.0160

Conversions

Conversions Part 2

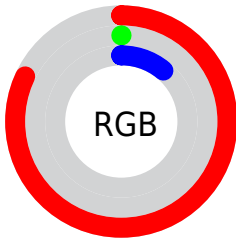
Format	Color
RYB	209, 0, 28
Decimal	13697052
CIELab	43.71, 69.28, 47.39
CIELCh	44, 83.942, 34.372
Yxy	13.6391, 0.6240, 0.3211
Android (android.graphics.Color)	4291887132 (0xFFD1001C)
YUV	65.6830, -18.5777, 125.6890
Hunter-Lab	36.9312, 63.4732, 22.1043

Details

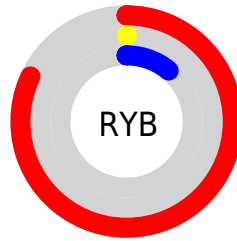
The XYZ color **26.5041, 13.6391, 2.3343** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **31.1455, 48.9388, 51.5427**, and the grayscale version is **5.1481, 5.4162, 5.8982**.

A 20% lighter version of the original color is **45.8842, 28.5708, 9.5749**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.5035, 13.6389, 2.3320**, and if you desaturate by 10%, it is **27.0566, 14.2875, 3.9273**.

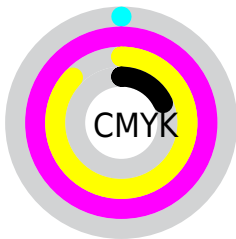
Distribution



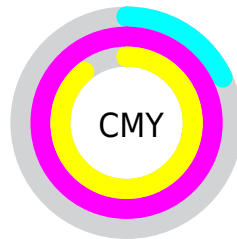
- Red (82%)
- Green (0%)
- Blue (11%)



- Red (82%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5041, 13.6391, 2.3343 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 26.5041, 13.6391, 2.3343 by changing the saturation by 10% instead.


 26.5041, 13.6391,
2.3343


 26.5041, 13.6391,
2.3343


277.4595,
214.9739, 127.3691


 17.3358, 7.8701,
0.7503


 53.5126, 32.4473,
9.9361


 10.5710, 4.0119,
0.0000


 72.0835, 46.2552,
16.8065


 5.8443, 1.6802,
0.0000

 94.5193, 63.5116,
26.2812

 2.7904, 0.4108,
0.0000

 121.1854, 84.6009,
38.7788

 1.0439, 0.0000,
0.0000


 152.4471,
109.9073, 54.7179


 0.0000, 0.0000,
0.0000


 188.6698,


139.8154, 74.5169


 230.2188,
174.7095, 98.5945


 26.5041, 13.6391,
2.3343


 26.5041, 13.6391,
2.3343


 26.5035, 13.6389,
2.3320

 27.0566, 14.2875,
3.9273

 28.0480, 15.5725,
6.4090

 29.5924, 17.6956,
9.9008

 31.7573, 20.7685,
14.4970

 34.6002, 24.8856,
20.2812

■ 38.1722, 30.1298,
27.3286

■ 42.5193, 36.5758,
35.7083

■ 47.6836, 44.2917,
45.4843

■ 53.7043, 53.3407,
56.7164

Harmonies

Analogous

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



30.1693, 13.6391, 12.2503



26.5041, 13.6391, 2.3343



19.2602, 13.6391, 0.0000

Triad

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



26.5041, 13.6391, 2.3343



4.5607, 13.6391, 4.0283



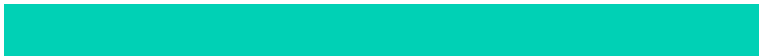
13.9546, 13.6391, 88.4980

Complementary

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



26.5041, 13.6391, 2.3343



31.1455, 48.9388, 51.5427

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.



8.2148, 13.6391, 77.5808



26.5041, 13.6391, 2.3343



3.9834, 13.6391, 17.7952

Square

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



26.5041, 13.6391, 2.3343



7.0403, 13.6391, 0.4250



5.0597, 13.6391, 46.2476



21.5238, 13.6391, 69.5394

Rectangle

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



26.5041, 13.6391, 2.3343



14.2478, 13.6391, 0.0000



5.0597, 13.6391, 46.2476



11.7589, 13.6391, 88.2699

Sweetspot

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



26.5044, 13.6400, 2.3345



66.4167, 56.9628, 55.4882



29.7902, 14.0286, 61.4589



13.5650, 11.2252, 10.6282



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.



26.5044, 13.6400, 2.3345



41.5305, 21.3762, 3.4595



28.6888, 18.3437, 2.0298



11.8722, 11.8336, 12.6029



16.3623, 8.4177, 1.5479



0.9364, 0.4793, 0.1999

Inverse Universe

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



26.5044, 13.6400, 2.3345



41.5305, 21.3762, 3.4595



20.2941, 22.1738, 63.5316



11.8722, 11.8336, 12.6029



16.3623, 8.4177, 1.5479



0.9364, 0.4793, 0.1999

Previews

White Background



This preview shows how the XYZ color 26.5041, 13.6391, 2.3343 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 26.5041, 13.6391, 2.3343 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 26.5041, 13.6391, 2.3343

Background



This preview shows how black text looks on a background with the XYZ color 26.5041, 13.6391, 2.3343.



This preview shows how white text looks on a background with the XYZ color 26.5041, 13.6391,

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

26.5041, 13.6391, 2.3343

Protanopia

13.0032, 14.2952, 4.7632

Tritanopia

26.2453, 13.8756, 1.2950

Trichromacy



Original Color

26.5041, 13.6391, 2.3343

Protanomaly

14.9678, 10.6515, 3.2745

Tritanomaly

26.1987, 13.6948, 1.5497

Monochromacy



Original Color

26.5041, 13.6391, 2.3343

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.9190, 5.7554, 3.8896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5041, 13.6391, 2.3343 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(209, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 28)  
}
```

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(209, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 28) }
```

Border

The CSS property to change the border of an element to XYZ 26.5041, 13.6391, 2.3343 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(209, 0, 28) }
```

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

```
.border{ border-color:rgb(209, 0, 28) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 28);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 28)  
}
```


Background

The CSS property to change the background color of an element to XYZ 26.5041, 13.6391, 2.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 28) }
```

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

```
.background{ background-color: rgb(209, 0,  
28) }
```

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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