

Converting Colors

XYZ(25.4599, 13.4926, 1.4347)

Have a look what the booklet for
XYZ(25.4599, 13.4926, 1.4347)
contains.

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Color

**XYZ(25.4599, 13.4926,
1.4347)**

Conversions

Conversions Part 1

Format	Color
Hex	CD1406
RGB	205, 20, 6
RGB Percent	80%, 8%, 2%
CMY	0.1961, 0.9215, 0.9765
CMYK	0.00, 0.90, 0.97, 0.20
HSL	4°, 94%, 41%
HSV	4°, 97%, 80%
XYZ	25.4599, 13.4926, 1.4347
YIQ	73.7190, 114.7540, 34.8660

Conversions

Conversions Part 2

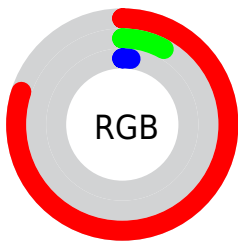
Format	Color
RYB	205, 21, 6
Decimal	13440006
CIELab	43.50, 65.86, 55.34
CIELCh	43, 86.026, 40.039
Yxy	13.4926, 0.6304, 0.3341
Android (android.graphics.Color)	4291630086 (0xFFCD1406)
YUV	73.7190, -33.3855, 115.1334
Hunter-Lab	36.7323, 59.4406, 23.3968

Details

The XYZ color **25.4599, 13.4926, 1.4347** 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 **29.7192, 41.6960, 64.2390**, and the grayscale version is **6.5045, 6.8433, 7.4523**.

A 20% lighter version of the original color is **45.7448, 29.0477, 7.1987**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **25.3398, 13.3054, 1.2326**, and if you desaturate by 10%, it is **26.0970, 14.5123, 2.4325**.

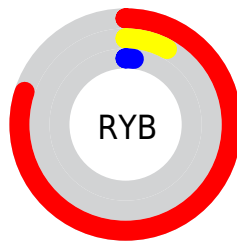
Distribution



Red (80%)

Green (8%)

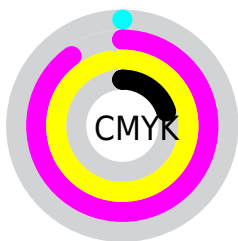
Blue (2%)



Red (80%)

Yellow (8%)

Blue (2%)

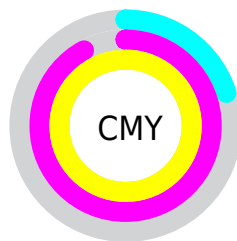


Cyan (0%)

Magenta (90%)

Yellow (97%)

Black (20%)



Cyan (20%)


Magenta (92%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4599, 13.4926, 1.4347 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 25.4599, 13.4926, 1.4347 by changing the saturation by 10% instead.

 25.4599, 13.4926,
1.4347


 25.4599, 13.4926,
1.4347


 272.4262,
214.0510, 112.8684


 16.5506, 7.7686,
0.1686


 51.8399, 32.1860,
7.4281


 10.0079, 3.9473,
0.0000


 70.0412, 45.9241,
13.1912


 5.4665, 1.6441,
0.0000

 92.0707, 63.1025,
21.3567

 2.5610, 0.3871,
0.0000

 118.2935, 84.1055,
32.3431

 0.9261, 0.0000,
0.0000


 149.0751,
109.3174, 46.5689


 0.0000, 0.0000,
0.0000


 184.7809,


139.1227, 64.4527


 225.7761,
173.9058, 86.4131


 25.4599, 13.4926,
1.4347


 25.4599, 13.4926,
1.4347


 25.3398, 13.3054,
1.2326

 26.0970, 14.5123,
2.4325

 27.2097, 16.2242,
4.3867

 28.8722, 18.7249,
7.4816

 31.1435, 22.0944,
11.8556

 34.0753, 26.4028,
17.6274

■ 37.7135, 31.7129,
24.9021

■ 42.1001, 38.0823,
33.7749

■ 47.2737, 45.5642,
44.3330

■ 53.2703, 54.2080,
56.6572

Harmonies

Analogous

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



30.1923, 13.4926, 9.1442



25.4599, 13.4926, 1.4347



17.7539, 13.4926, 0.0000

Triad

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



25.4599, 13.4926, 1.4347



4.1166, 13.4926, 5.3409



15.2081, 13.4926, 89.4139

Complementary

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



25.4599, 13.4926, 1.4347



29.7192, 41.6960, 64.2390

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.



8.9038, 13.4926, 84.0111



25.4599, 13.4926, 1.4347



3.8517, 13.4926, 22.1219

Square

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



25.4599, 13.4926, 1.4347



6.1847, 13.4926, 0.6384



5.2639, 13.4926, 53.6031



23.0472, 13.4926, 65.0461

Rectangle

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



25.4599, 13.4926, 1.4347



12.8155, 13.4926, 0.0000



5.2639, 13.4926, 53.6031



12.8331, 13.4926, 91.3136

Sweetspot

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



25.4602, 13.4935, 1.4349



67.1999, 59.8268, 51.7489



34.7266, 16.9032, 51.1464



13.7130, 11.8320, 9.7194



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.



25.4602, 13.4935, 1.4349



41.4559, 21.6918, 2.0020



31.7786, 26.1303, 3.5410



11.2748, 11.3385, 11.6737



15.8012, 8.3353, 0.7761



0.8378, 0.4754, 0.0476

Inverse Universe

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



29.7192, 41.6960, 64.2390



48.3416, 67.8031, 105.1472



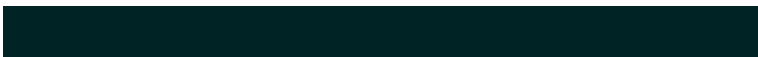
14.9418, 12.1412, 59.3132



11.4730, 12.5864, 14.3951



18.4266, 25.8772, 39.9799



0.9714, 1.3765, 2.0694

Previews

White Background



This preview shows how the XYZ color 25.4599, 13.4926, 1.4347 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 25.4599, 13.4926, 1.4347

Background



This preview shows how black text looks on a background with the XYZ color 25.4599, 13.4926, 1.4347.



This preview shows how white text looks on a background with the XYZ color 25.4599, 13.4926,

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

25.4599, 13.4926, 1.4347

Protanopia

12.5855, 13.9642, 3.0689

Deuteranopia

13.8219, 13.7490, 1.9253



Tritanopia

25.4818, 13.5014, 1.5501

Trichromacy



Original Color

25.4599, 13.4926, 1.4347

Protanomaly

14.9607, 11.3341, 2.0153

Deuteranomaly

16.3017, 11.6538, 1.4476

Tritanomaly

25.4763, 13.4992, 1.5213

Monochromacy



Original Color

25.4599, 13.4926, 1.4347

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

9.8996, 6.9977, 3.7346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4599, 13.4926, 1.4347 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(205, 20, 6)` looks like.

```
.text, #text, p{  
    color:rgb(205, 20, 6)  
}
```

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(205, 20, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 20, 6) }
```

Border

The CSS property to change the border of an element to XYZ 25.4599, 13.4926, 1.4347 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(205, 20, 6) }
```


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

```
.border{ border-color:rgb(205, 20, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 20, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 20, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 20, 6);  
box-shadow:4px 4px 4px 4px rgb(205, 20, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4599, 13.4926, 1.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 20, 6) }
```

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

```
.background{ background-color: rgb(205, 20,  
6) }
```

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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