

Converting Colors

XYZ(25.5645, 11.7629, 1.6957)

Have a look what the booklet for
XYZ(25.5645, 11.7629, 1.6957)
contains.

XYZ(26.4393, 13.6132, 1.9932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4393, 13.6132,
1.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	D10016
RGB	209, 0, 22
RGB Percent	82%, 0%, 9%
CMY	0.1804, 0.9998, 0.9137
CMYK	0.00, 1.00, 0.89, 0.18
HSL	354°, 100%, 41%
HSV	354°, 100%, 82%
XYZ	26.4393, 13.6132, 1.9932
YIQ	64.9990, 117.5020, 51.1500

Conversions

Conversions Part 2

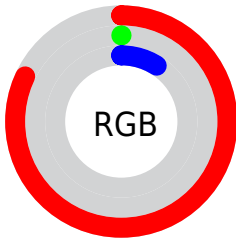
Format	Color
RYB	209, 0, 22
Decimal	13697046
CIELab	43.67, 69.18, 50.17
CIELCh	44, 85.461, 35.952
Yxy	13.6132, 0.6288, 0.3238
Android (android.graphics.Color)	4291887126 (0xFFD10016)
YUV	64.9990, -21.1985, 126.2889
Hunter-Lab	36.8961, 63.3429, 22.6243

Details

The XYZ color **26.4393, 13.6132, 1.9932** 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 **31.7749, 49.1905, 54.8570**, and the grayscale version is **5.0466, 5.3095, 5.7820**.

A 20% lighter version of the original color is **45.6420, 28.3452, 8.6958**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.4387, 13.6130, 1.9912**, and if you desaturate by 10%, it is **26.9565, 14.2475, 3.4002**.

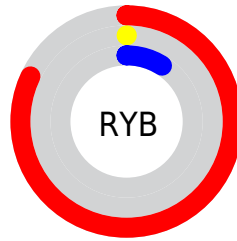
Distribution



Red (82%)

Green (0%)

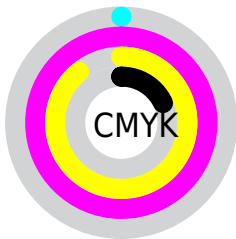
Blue (9%)



Red (82%)

Yellow (0%)

Blue (9%)

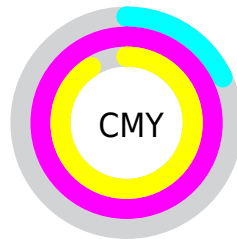


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4393, 13.6132, 1.9932 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 26.4393, 13.6132, 1.9932 by changing the saturation by 10% instead.


 26.4393, 13.6132,
1.9932


 26.4393, 13.6132,
1.9932


277.1493,
214.8111, 122.2711


 17.2870, 7.8521,
0.5511


 53.4091, 32.4011,
9.0222


 10.5359, 4.0005,
0.0000


 71.9572, 46.1968,
15.5024


 5.8207, 1.6738,
0.0000

 94.3680, 63.4394,
24.5177

 2.7760, 0.4066,
0.0000

 121.0068, 84.5134,
36.4868

 1.0364, 0.0000,
0.0000


 152.2390,
109.8032, 51.8281


 0.0000, 0.0000,
0.0000


 188.4299,


139.6931, 70.9603


 229.9449,
174.5676, 94.3017


 26.4393, 13.6132,
1.9932


 26.4393, 13.6132,
1.9932


 26.4387, 13.6130,
1.9912

 26.9565, 14.2475,
3.4002

 27.9168, 15.5201,
5.7178

 29.4368, 17.6335,
9.0810

 31.5861, 20.7002,
13.5951

 34.4240, 24.8153,
19.3524

■ 38.0028, 30.0623,
26.4357

■ 42.3699, 36.5164,
34.9207

■ 47.5685, 44.2461,
44.8773

■ 53.6389, 53.3151,
56.3709

Harmonies

Analogous

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



30.4728, 13.6132, 11.3128



26.4393, 13.6132, 1.9932



18.9383, 13.6132, 0.0000

Triad

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



26.4393, 13.6132, 1.9932



4.3733, 13.6132, 4.2907



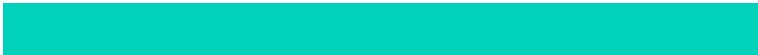
14.3229, 13.6132, 90.2701

Complementary

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



26.4393, 13.6132, 1.9932



31.7749, 49.1905, 54.8570

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.



8.3627, 13.6132, 80.6092



26.4393, 13.6132, 1.9932



3.8834, 13.6132, 18.9919

Square

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



26.4393, 13.6132, 1.9932



6.7479, 13.6132, 0.4277



5.0549, 13.6132, 48.8030



22.0841, 13.6132, 69.3354

Rectangle

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



26.4393, 13.6132, 1.9932



13.8709, 13.6132, 0.0000



5.0549, 13.6132, 48.8030



12.0496, 13.6132, 90.6273

Sweetspot

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



26.4396, 13.6141, 1.9934



66.1804, 56.8683, 54.2439



31.4253, 14.8716, 61.5353



13.5111, 11.2037, 10.3442



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.



26.4396, 13.6141, 1.9934



41.4355, 21.3382, 2.9594



29.1737, 19.3136, 2.1915



11.8585, 11.8281, 12.5307



16.3190, 8.4004, 1.3202



0.9300, 0.4767, 0.1661

Inverse Universe

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



26.4396, 13.6141, 1.9934



41.4355, 21.3382, 2.9594



19.3461, 20.2778, 63.2155



11.8585, 11.8281, 12.5307



16.3190, 8.4004, 1.3202



0.9300, 0.4767, 0.1661

Previews

White Background



This preview shows how the XYZ color 26.4393, 13.6132, 1.9932 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 26.4393, 13.6132, 1.9932

Background



This preview shows how black text looks on a background with the XYZ color 26.4393, 13.6132, 1.9932.



This preview shows how white text looks on a background with the XYZ color 26.4393, 13.6132,

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

26.4393, 13.6132, 1.9932

Protanopia

13.0083, 14.3128, 4.0845

Deuteranopia

14.2300, 14.1009, 1.9717



Tritanopia

26.2453, 13.8756, 1.2950

Trichromacy



Original Color

26.4393, 13.6132, 1.9932

Protanomaly

15.0442, 10.7034, 2.7119

Deuteranomaly

16.5752, 11.2614, 1.5298

Tritanomaly

26.1877, 13.6904, 1.4920

Monochromacy



Original Color

26.4393, 13.6132, 1.9932

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

8.6834, 5.5895, 3.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4393, 13.6132, 1.9932 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, 22)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 22)  
}
```

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, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 22) }
```

Border

The CSS property to change the border of an element to XYZ 26.4393, 13.6132, 1.9932 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, 22) }
```


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

```
.border{ border-color:rgb(209, 0, 22) }
```

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, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 22);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 22)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4393, 13.6132, 1.9932 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, 22) }
```

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

```
.background{ background-color: rgb(209, 0,  
22) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor