

Converting Colors

XYZ(25.1323, 29.6236, 4.3933)

Have a look what the booklet for
XYZ(25.1323, 29.6236, 4.3933)
contains.

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Color

**XYZ(25.1329, 29.6246,
4.3935)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9800
RGB	157, 152, 0
RGB Percent	62%, 60%, 0%
CMY	0.3843, 0.4039, 0.9999
CMYK	0.00, 0.03, 1.00, 0.38
HSL	58°, 100%, 31%
HSV	58°, 100%, 62%
XYZ	25.1329, 29.6246, 4.3935
YIQ	136.1670, 51.7720, -46.2120

Conversions

Conversions Part 2

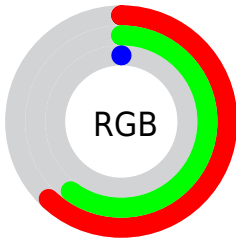
Format	Color
RYB	5, 157, 0
Decimal	10328064
CIELab	61.33, -12.39, 64.73
CIELCh	61, 65.902, 100.835
Yxy	29.6246, 0.4249, 0.5008
Android (android.graphics.Color)	4288518144 (0xFF9D9800)
YUV	136.1670, -67.1303, 18.2705
Hunter-Lab	54.4285, -12.8257, 33.3140

Details

The XYZ color **25.1329, 29.6246, 4.3935** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.1403, 2.5431, 32.0653**, and the grayscale version is **23.6960, 24.9300, 27.1488**.

A 20% lighter version of the original color is **51.2653, 59.0576, 14.8282**, and **10.0205, 12.0741, 1.8024** is the 20% darker color. If you saturate the color by 10%, you get **25.1334, 29.6258, 4.3937**, and if you desaturate by 10%, it is **25.3062, 29.8250, 4.9021**.

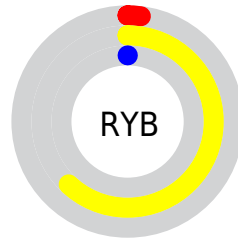
Distribution



Red (62%)

Green (60%)

Blue (0%)



Red (2%)

Yellow (62%)

Blue (0%)

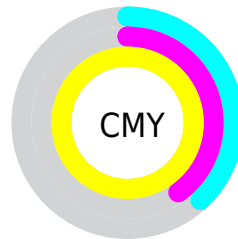


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (38%)



Cyan (38%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1329, 29.6246, 4.3935 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 25.1329, 29.6246, 4.3935 by changing the saturation by 10% instead.


 25.1329, 29.6246,
4.3935


 25.1329, 29.6246,
4.3935


270.8346,
300.1507, 152.5036


 16.3054, 19.5538,
1.8436


 51.3141, 59.0680,
14.9076


 9.8327, 12.0711,
0.4565


 69.3984, 79.2094,
23.7088

 5.3496, 6.7921,
0.0000


 91.2991, 103.4765,
35.4310

 2.4907, 3.3324,
0.0000

 117.3814,
132.2536, 50.4925

 0.8905, 1.3077,
0.0000

 148.0108,
165.9252, 69.3120


 0.0000, 0.1471,
0.0000


 183.5525,


 0.0000, 0.0000,


204.8757, 92.3080


0.0000


 224.3720,
249.4894, 119.8990


 25.1329, 29.6246,
4.3935


 25.1329, 29.6246,
4.3935


 25.1334, 29.6258,
4.3937

 25.3062, 29.8250,
4.9021

 25.5492, 30.0528,
5.7793

 25.8937, 30.3217,
7.1893

 26.3526, 30.6369,
9.1999

 26.9368, 31.0028,
11.8690

■ 27.6561, 31.4233,
15.2476

■ 28.5192, 31.9019,
19.3817

■ 29.5341, 32.4417,
24.3133

■ 30.7082, 33.0457,
30.0816

Harmonies

Analogous

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



34.0038, 29.6246, 4.8869



25.1329, 29.6246, 4.3935



18.5874, 29.6246, 7.9136

Triad

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



25.1329, 29.6246, 4.3935



17.3170, 29.6246, 74.7311



47.0630, 29.6246, 50.6448

Complementary

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



25.1329, 29.6246, 4.3935



6.1403, 2.5431, 32.0653

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.



40.5510, 29.6246, 83.6671



25.1329, 29.6246, 4.3935



23.0226, 29.6246, 101.8157

Square

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



25.1329, 29.6246, 4.3935



14.7327, 29.6246, 42.1092



31.4151, 29.6246, 105.7343



47.9529, 29.6246, 24.0741

Rectangle

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



25.1329, 29.6246, 4.3935



15.9462, 29.6246, 14.1104



31.4151, 29.6246, 105.7343



45.4044, 29.6246, 61.6317

Sweetspot

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



25.1336, 29.6260, 4.3941



50.9775, 57.0803, 34.2380



13.9334, 7.1798, 0.8021



11.0791, 12.4844, 6.8695



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1336, 29.6260, 4.3941



44.9839, 53.0014, 7.8594



15.6898, 25.9866, 4.1894



7.1521, 7.6841, 7.0919



20.4184, 24.0724, 3.5703



0.3701, 0.4405, 0.0655

Inverse Universe

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



6.1403, 2.5431, 32.0653



10.9695, 4.5005, 57.4173



8.8544, 3.8618, 32.1768



6.3008, 6.4674, 8.3229



4.9921, 2.0757, 26.0448



0.0937, 0.0459, 0.4672

Previews

White Background



This preview shows how the XYZ color 25.1329, 29.6246, 4.3935 looks on a white 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

Black Background



This preview shows how the XYZ color 25.1329, 29.6246, 4.3935 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1329, 29.6246, 4.3935

Background



This preview shows how black text looks on a background with the XYZ color 25.1329, 29.6246, 4.3935.



This preview shows how white text looks on a background with the XYZ color 25.1329, 29.6246,

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

25.1329, 29.6246, 4.3935

Protanopia

26.6838, 29.7104, 4.3283

Deuteranopia

30.0164, 29.3789, 4.8477



Tritanopia

31.1287, 29.5322, 33.7654

Trichromacy



Original Color

25.1329, 29.6246, 4.3935

Protanomaly

26.0106, 29.5992, 4.3423

Deuteranomaly

27.9570, 29.2083, 4.5797

Tritanomaly

27.3873, 28.9004, 15.4441

Monochromacy



Original Color

25.1329, 29.6246, 4.3935

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.8949, 25.9634, 12.8216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1329, 29.6246, 4.3935 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(157, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 152, 0)  
}
```

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(157, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 152, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.1329, 29.6246, 4.3935 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(157, 152, 0) }
```


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

```
.border{ border-color:rgb(157, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 152,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1329, 29.6246, 4.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 152, 0) }
```

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

```
.background{ background-color: rgb(157,  
152, 0) }
```

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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