

Converting Colors

XYZ(25.0087, 31.2935, 4.8944)

Have a look what the booklet for
XYZ(25.0087, 31.2935, 4.8944)
contains.

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Color

**XYZ(25.0087, 31.2935,
4.8944)**

Conversions

Conversions Part 1

Format	Color
Hex	969F06
RGB	150, 159, 6
RGB Percent	59%, 62%, 2%
CMY	0.4118, 0.3765, 0.9764
CMYK	0.06, 0.00, 0.96, 0.38
HSL	64°, 93%, 32%
HSV	64°, 96%, 62%
XYZ	25.0087, 31.2935, 4.8944
YIQ	138.8670, 43.7490, -49.4910

Conversions

Conversions Part 2

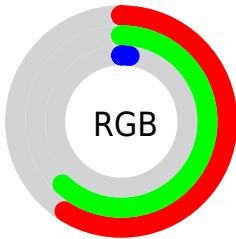
Format	Color
RYB	6, 159, 15
Decimal	9871110
CIELab	62.75, -19.06, 64.67
CIELCh	63, 67.423, 106.424
Yxy	31.2935, 0.4087, 0.5114
Android (android.graphics.Color)	4288061190 (0xFF969F06)
YUV	138.8670, -65.5034, 9.7636
Hunter-Lab	55.9406, -18.0962, 33.9710

Details

The XYZ color **25.0087, 31.2935, 4.8944** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.5209, 2.7356, 32.9872**, and the grayscale version is **24.7230, 26.0106, 28.3255**.

A 20% lighter version of the original color is **51.1112, 61.5202, 16.0182**, and **10.0819, 13.1580, 2.0084** is the 20% darker color. If you saturate the color by 10%, you get **24.9114, 31.2483, 4.7185**, and if you desaturate by 10%, it is **25.2934, 31.4285, 5.4879**.

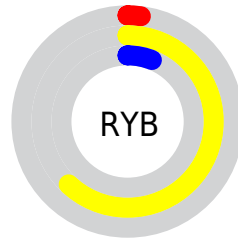
Distribution



Red (59%)

Green (62%)

Blue (2%)



Red (2%)

Yellow (62%)

Blue (6%)

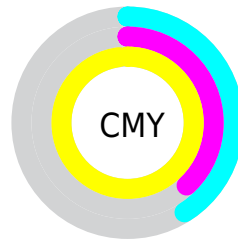


Cyan (6%)

Magenta (0%)

Yellow (96%)

Black (38%)



Cyan (41%)


Magenta (38%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0087, 31.2935, 4.8944 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 25.0087, 31.2935, 4.8944 by changing the saturation by 10% instead.


 25.0087, 31.2935,
4.8944


 25.0087, 31.2935,
4.8944


270.2281,
307.8882, 157.7009


 16.2123, 20.8224,
2.1278


 51.1141, 61.7019,
16.0250

 9.7663, 12.9943,
0.6322


 69.1539, 82.4080,
25.2260

 5.3054, 7.4246,
0.0000


 91.0054, 107.2945,
37.4090

 2.4641, 3.7290,
0.0000

 117.0342,
136.7460, 52.9923

 0.8772, 1.5232,
0.0000

 147.6055,
171.1466, 72.3947

 0.0000, 0.3050,
0.0000

 183.0846,

 0.0000, 0.0000,

210.8810, 96.0345

0.0000

223.8371,
256.3334, 124.3304

25.0087, 31.2935,
4.8944

25.0087, 31.2935,
4.8944

24.9114, 31.2483,
4.7185

25.2934, 31.4285,
5.4879

25.6705, 31.5995,
6.5643

26.1585, 31.8150,
8.2171

26.7698, 32.0800,
10.5118

27.5151, 32.3987,
13.5053

■ 28.4041, 32.7751,
17.2480

■ 29.4455, 33.2126,
21.7858

■ 30.6472, 33.7144,
27.1608

■ 32.0168, 34.2835,
33.4124

Harmonies

Analogous

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



34.1007, 31.2935, 4.7175



25.0087, 31.2935, 4.8944



18.6629, 31.2935, 9.6949

Triad

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



25.0087, 31.2935, 4.8944



19.1231, 31.2935, 85.6583



50.5113, 31.2935, 47.4305

Complementary

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



25.0087, 31.2935, 4.8944



6.5209, 2.7356, 32.9872

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.



44.5191, 31.2935, 82.4027



25.0087, 31.2935, 4.8944



25.7743, 31.2935, 111.0578

Square

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



25.0087, 31.2935, 4.8944



15.7769, 31.2935, 50.5334



35.0412, 31.2935, 109.6288



50.1876, 31.2935, 21.6428

Rectangle

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



25.0087, 31.2935, 4.8944



16.2776, 31.2935, 17.5371



35.0412, 31.2935, 109.6288



49.1234, 31.2935, 58.6731

Sweetspot

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



25.0094, 31.2949, 4.8950



52.0783, 59.2035, 36.1428



14.4844, 7.6896, 0.8935



11.5725, 13.2765, 7.4147



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.0094, 31.2949, 4.8950



44.5530, 55.9293, 8.4472



15.3225, 26.3011, 4.4417



7.1316, 7.7005, 7.0961



19.6870, 24.6858, 3.7272



0.3625, 0.4468, 0.0671

Inverse Universe

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



6.5209, 2.7356, 32.9872



11.3614, 4.5623, 59.0253



10.5555, 4.8155, 33.1760



6.3191, 6.4530, 8.3192



5.0480, 2.0314, 26.0333



0.0997, 0.0412, 0.4659

Previews

White Background



This preview shows how the XYZ color 25.0087, 31.2935, 4.8944 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.0087, 31.2935, 4.8944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

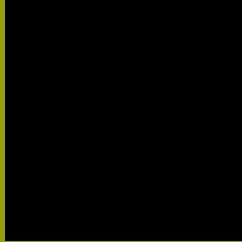
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0087, 31.2935, 4.8944

Background



This preview shows how black text looks on a background with the XYZ color 25.0087, 31.2935, 4.8944.



This preview shows how white text looks on a background with the XYZ color 25.0087, 31.2935,

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

25.0087, 31.2935, 4.8944

Protanopia

28.0228, 31.1144, 4.5287

Deuteranopia

31.6456, 31.0975, 5.3118



Tritanopia

31.5459, 31.2601, 37.1720

Trichromacy



Original Color

25.0087, 31.2935, 4.8944

Protanomaly

26.8366, 31.2336, 4.6717

Deuteranomaly

28.7695, 30.7720, 5.0394

Tritanomaly

27.5810, 30.6038, 17.2854

Monochromacy



Original Color

25.0087, 31.2935, 4.8944

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.4949, 27.1527, 13.9002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0087, 31.2935, 4.8944 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(150, 159, 6)` looks like.

```
.text, #text, p{  
    color:rgb(150, 159, 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(150, 159, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 159, 6) }
```

Border

The CSS property to change the border of an element to XYZ 25.0087, 31.2935, 4.8944 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(150, 159, 6) }
```


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

```
.border{ border-color:rgb(150, 159, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 159, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 159, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 159, 6);  
box-shadow:4px 4px 4px 4px rgb(150, 159,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0087, 31.2935, 4.8944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 159, 6) }
```

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

```
.background{ background-color: rgb(150,  
159, 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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