

Converting Colors

XYZ(25.0941, 31.1566, 13.1200)

Have a look what the booklet for
XYZ(25.0941, 31.1566, 13.1200)
contains.

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Color

**XYZ(25.1537, 31.1872,
13.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9F54
RGB	142, 159, 84
RGB Percent	56%, 62%, 33%
CMY	0.4431, 0.3765, 0.6706
CMYK	0.11, 0.00, 0.47, 0.38
HSL	74°, 31%, 48%
HSV	74°, 47%, 62%
XYZ	25.1537, 31.1872, 13.0815
YIQ	145.3670, 13.9430, -26.9290

Conversions

Conversions Part 2

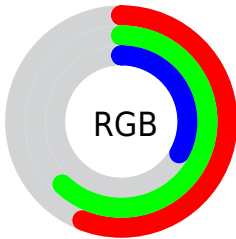
Format	Color
RYB	84, 159, 101
Decimal	9346900
CIELab	62.67, -18.06, 36.94
CIELCh	63, 41.121, 116.053
Yxy	31.1872, 0.3623, 0.4492
Android (android.graphics.Color)	4287536980 (0xFF8E9F54)
YUV	145.3670, -30.2539, -2.9529
Hunter-Lab	55.8455, -17.3304, 25.2035

Details

The XYZ color **25.1537, 31.1872, 13.0815** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.7964, 11.6114, 34.2642**, and the grayscale version is **27.1791, 28.5946, 31.1395**.

A 20% lighter version of the original color is **51.4457, 61.7127, 32.1219**, and **9.8824, 13.0201, 3.5824** is the 20% darker color. If you saturate the color by 10%, you get **23.9920, 30.6533, 10.1373**, and if you desaturate by 10%, it is **26.4783, 31.7907, 16.7725**.

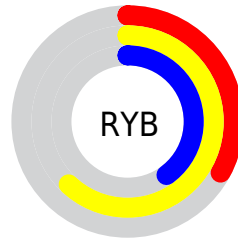
Distribution



Red (56%)

Green (62%)

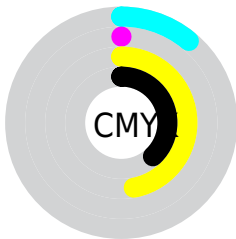
Blue (33%)



Red (33%)

Yellow (62%)

Blue (40%)

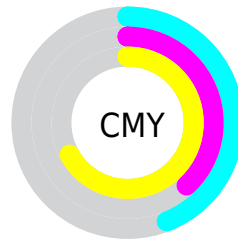


Cyan (11%)

Magenta (0%)

Yellow (47%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1537, 31.1872, 13.0815 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 25.1537, 31.1872, 13.0815 by changing the saturation by 10% instead.

■ 25.1537, 31.1872,
13.0815

■ 25.1537, 31.1872,
13.0815

270.9361,
307.3998, 222.6655

■ 16.3209, 20.7414,
7.3533

■ 51.3476, 61.5347,
32.1435

■ 9.8438, 12.9351,
3.6022

■ 69.4394, 82.2052,
46.3143

■ 5.3570, 7.3839,
1.4098

■ 91.3483, 107.0527,
64.1364

■ 2.4951, 3.7033,
0.1493

■ 117.4395,
136.4617, 86.0284

■ 0.8928, 1.5090,
0.0000

■ 148.0786,
170.8165, 112.4088

■ 0.0000, 0.2951,
0.0000

183.6308,

■ 0.0000, 0.0000,

210.5015, 143.6960

0.0000

224.4615,
255.9012, 180.3087

■ 25.1537, 31.1872,
13.0815

■ 25.1537, 31.1872,
13.0815

■ 23.9920, 30.6533,
10.1373

■ 26.4783, 31.7907,
16.7725

■ 22.9811, 30.1809,
7.8869

■ 27.9725, 32.4634,
21.2547

■ 22.1107, 29.7670,
6.2735


■ 29.6453, 33.2098,
26.5712


■ 21.3678, 29.4063,
5.2305


■ 31.5045, 34.0331,
32.7614


■ 20.7321, 29.0908,
4.6516


■ 33.5571, 34.9363,
39.8624

 20.5608, 29.0053,
4.5149

 35.8100, 35.9219,
47.9089

 38.2696, 36.9927,
56.9340

 40.9421, 38.1511,
66.9692

 43.8333, 39.3994,
78.0443

Harmonies

Analogous

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



30.3910, 31.1872, 11.5249



25.1537, 31.1872, 13.0815



21.5660, 31.1872, 19.4653

Triad

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



25.1537, 31.1872, 13.0815



24.0188, 31.1872, 66.5636



41.7556, 31.1872, 36.1282

Complementary

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



25.1537, 31.1872, 13.0815



14.7964, 11.6114, 34.2642

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.



39.5191, 31.1872, 54.2900



25.1537, 31.1872, 13.0815



28.9064, 31.1872, 75.0298

Square

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



25.1537, 31.1872, 13.0815



20.9711, 31.1872, 49.4094



34.6359, 31.1872, 69.9492



40.4251, 31.1872, 22.1184

Rectangle

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



25.1537, 31.1872, 13.0815



20.3595, 31.1872, 27.0440



34.6359, 31.1872, 69.9492



41.3893, 31.1872, 41.9590

Sweetspot

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



25.1545, 31.1886, 13.0822



54.0208, 59.8861, 50.6385



20.4807, 17.1744, 10.6235



12.0303, 13.4353, 10.9282



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.



25.1545, 31.1886, 13.0822



42.7887, 54.8123, 17.7355



19.8546, 28.4564, 12.8341



7.0230, 7.6445, 7.0910



16.2758, 22.9272, 3.5676



0.3244, 0.4271, 0.0653

Inverse Universe

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



14.7964, 11.6114, 34.2642



21.9020, 15.2767, 60.5378



19.8694, 14.2266, 34.5016



6.4185, 6.5042, 8.3238



5.5502, 2.2902, 26.0568



0.1318, 0.0577, 0.4674

Previews

White Background



This preview shows how the XYZ color 25.1537, 31.1872, 13.0815 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 25.1537, 31.1872, 13.0815 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 25.1537, 31.1872, 13.0815

Background



This preview shows how black text looks on a background with the XYZ color 25.1537, 31.1872, 13.0815.



This preview shows how white text looks on a background with the XYZ color 25.1537, 31.1872,

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

25.1537, 31.1872, 13.0815

Protanopia

28.4882, 30.9428, 12.2556

Deuteranopia

31.5019, 30.8414, 13.5252



Tritanopia

30.1904, 31.0006, 38.5749

Trichromacy



Original Color

25.1537, 31.1872, 13.0815

Protanomaly

27.1791, 30.9895, 12.5317

Deuteranomaly

28.8299, 30.6180, 13.4072

Tritanomaly

27.9071, 30.7996, 27.0283

Monochromacy



Original Color

25.1537, 31.1872, 13.0815

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9831, 29.1720, 23.0002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1537, 31.1872, 13.0815 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(142, 159, 84)` looks like.

```
.text, #text, p{  
    color:rgb(142, 159, 84)  
}
```

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(142, 159, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 159, 84) }
```

Border

The CSS property to change the border of an element to XYZ 25.1537, 31.1872, 13.0815 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(142, 159, 84) }
```


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

```
.border{ border-color:rgb(142, 159, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 159, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 159, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 159, 84);  
box-shadow:4px 4px 4px 4px rgb(142, 159,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1537, 31.1872, 13.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 159, 84) }
```

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

```
.background{ background-color: rgb(142,  
159, 84) }
```

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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