

Converting Colors

XYZ(25.4295, 32.0495, 4.8925)

Have a look what the booklet for
XYZ(25.4295, 32.0495, 4.8925)
contains.

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Color

**XYZ(25.3335, 31.9782,
4.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	96A102
RGB	150, 161, 2
RGB Percent	59%, 63%, 1%
CMY	0.4118, 0.3686, 0.9921
CMYK	0.07, 0.00, 0.99, 0.37
HSL	64°, 98%, 32%
HSV	64°, 99%, 63%
XYZ	25.3335, 31.9782, 4.8946
YIQ	139.5850, 44.4830, -51.7810

Conversions

Conversions Part 2

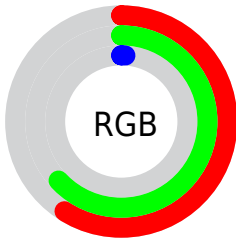
Format	Color
R_YB	2, 161, 13
Decimal	9871618
CIE Lab	63.32, -20.14, 65.65
CIE LCh	63, 68.674, 107.054
Yxy	31.9782, 0.4072, 0.5141
Android (android.graphics.Color)	4288061698 (0xFF96A102)
YUV	139.5850, -67.8294, 9.1340
Hunter-Lab	56.5493, -18.9950, 34.4527

Details

The XYZ color **25.3335, 31.9782, 4.8946** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.6215, 2.7028, 33.8930**, and the grayscale version is **25.0101, 26.3126, 28.6544**.

A 20% lighter version of the original color is **51.8383, 63.0296, 16.0904**, and **10.2952, 13.5848, 2.0795** is the 20% darker color. If you saturate the color by 10%, you get **25.2976, 31.9621, 4.8360**, and if you desaturate by 10%, it is **25.6394, 32.1255, 5.4267**.

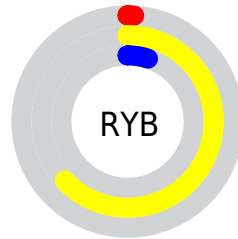
Distribution



Red (59%)

Green (63%)

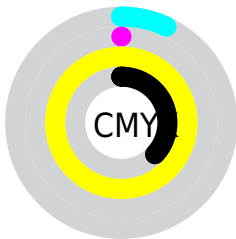
Blue (1%)



Red (1%)

Yellow (63%)

Blue (5%)

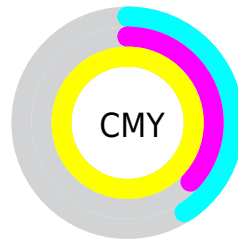


Cyan (7%)

Magenta (0%)

Yellow (99%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3335, 31.9782, 4.8946 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 25.3335, 31.9782, 4.8946 by changing the saturation by 10% instead.

■ 25.3335, 31.9782,
4.8946

■ 25.3335, 31.9782,
4.8946

271.8118,
311.0199, 157.7029

■ 16.4558, 21.3448,
2.1279

■ 51.6367, 62.7769,
16.0254

■ 9.9401, 13.3763,
0.6323

■ 69.7930, 83.7111,
25.2266

■ 5.4212, 7.6882,
0.0000

■ 91.7727, 108.8476,
37.4097

■ 2.5337, 3.8961,
0.0000

■ 117.9413,
138.5709, 52.9933

■ 0.9123, 1.6156,
0.0000

■ 148.6642,
173.2654, 72.3959

■ 0.0000, 0.3681,
0.0000

■ 184.3067,

■ 0.0000, 0.0000,

213.3155, 96.0360

0.0000

225.2341,
259.1055, 124.3322

25.3335, 31.9782,
4.8946

25.3335, 31.9782,
4.8946

25.2976, 31.9621,
4.8360

25.6394, 32.1255,
5.4267

26.0291, 32.3055,
6.3933

26.5298, 32.5300,
7.9340

27.1549, 32.8045,
10.1194

27.9159, 33.1336,
13.0100

■ 28.8229, 33.5214,
16.6596

■ 29.8852, 33.9715,
21.1163

■ 31.1112, 34.4873,
26.4248

■ 32.5087, 35.0719,
32.6260

Harmonies

Analogous

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



34.6846, 31.9782, 4.6362



25.3335, 31.9782, 4.8946



18.8629, 31.9782, 9.9150

Triad

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



25.3335, 31.9782, 4.8946



19.5464, 31.9782, 89.0521



51.9644, 31.9782, 47.9407

Complementary

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



25.3335, 31.9782, 4.8946



6.6215, 2.7028, 33.8930

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.



45.8676, 31.9782, 84.1722



25.3335, 31.9782, 4.8946



26.4732, 31.9782, 115.0301

Square

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



25.3335, 31.9782, 4.8946



16.0324, 31.9782, 52.5772



36.0879, 31.9782, 112.8851



51.4802, 31.9782, 21.5907

Rectangle

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



25.3335, 31.9782, 4.8946



16.4564, 31.9782, 18.1123



36.0879, 31.9782, 112.8851



50.5707, 31.9782, 59.5313

Sweetspot

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



25.3342, 31.9797, 4.8953



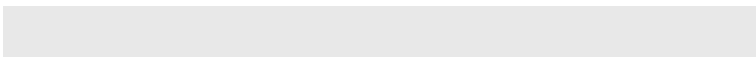
53.1522, 60.6816, 36.2566



14.8489, 7.8600, 0.7923



11.4896, 13.2375, 7.2459



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.



25.3342, 31.9797, 4.8953



45.2342, 57.2024, 8.6571



15.3486, 26.8319, 4.4279



7.6008, 8.2122, 7.5646



20.2172, 25.5328, 3.8628



0.4382, 0.5434, 0.0818

Inverse Universe

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



6.6215, 2.7028, 33.8930



11.7095, 4.7056, 60.6776



10.8797, 4.8980, 34.0923



6.7438, 6.8823, 8.8760



5.2638, 2.1201, 27.0616



0.1234, 0.0512, 0.5692

Previews

White Background



This preview shows how the XYZ color 25.3335, 31.9782, 4.8946 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 25.3335, 31.9782, 4.8946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

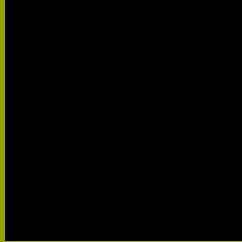
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3335, 31.9782, 4.8946

Background



This preview shows how black text looks on a background with the XYZ color 25.3335, 31.9782, 4.8946.



This preview shows how white text looks on a background with the XYZ color 25.3335, 31.9782,

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

25.3335, 31.9782, 4.8946

Protanopia

28.7892, 31.9954, 4.6584

Deuteranopia

32.3042, 31.6628, 5.3862



Tritanopia

32.0373, 31.9630, 38.1991

Trichromacy



Original Color

25.3335, 31.9782, 4.8946

Protanomaly

27.5795, 32.1155, 4.7740

Deuteranomaly

29.2992, 31.5208, 5.0702

Tritanomaly

27.9084, 31.2586, 17.3945

Monochromacy



Original Color

25.3335, 31.9782, 4.8946

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.9370, 27.8473, 13.7863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3335, 31.9782, 4.8946 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, 161, 2)` looks like.

```
.text, #text, p{  
    color:rgb(150, 161, 2)  
}
```

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, 161, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 161, 2) }
```

Border

The CSS property to change the border of an element to XYZ 25.3335, 31.9782, 4.8946 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, 161, 2) }
```


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

```
.border{ border-color:rgb(150, 161, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 161, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 161, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 161, 2);  
box-shadow:4px 4px 4px 4px rgb(150, 161,  
2) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3335, 31.9782, 4.8946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 161, 2) }
```

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

```
.background{ background-color: rgb(150,  
161, 2) }
```

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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