

Converting Colors

XYZ(24.0296, 25.5538, 8.8201)

Have a look what the booklet for
XYZ(24.0296, 25.5538, 8.8201)
contains.

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Color

**XYZ(24.0296, 25.5538,
8.8201)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8942
RGB	158, 137, 66
RGB Percent	62%, 54%, 26%
CMY	0.3804, 0.4627, 0.7412
CMYK	0.00, 0.13, 0.58, 0.38
HSL	46°, 41%, 44%
HSV	46°, 58%, 62%
XYZ	24.0296, 25.5538, 8.8201
YIQ	135.1850, 35.3070, -17.6290

Conversions

Conversions Part 2

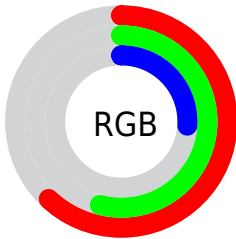
Format	Color
RYB	93, 158, 66
Decimal	10389826
CIELab	57.61, -1.13, 40.38
CIELCh	58, 40.395, 91.603
Yxy	25.5538, 0.4114, 0.4375
Android (android.graphics.Color)	4288579906 (0xFF9E8942)
YUV	135.1850, -34.1082, 20.0088
Hunter-Lab	50.5508, -3.6128, 25.0406

Details

The XYZ color **24.0296, 25.5538, 8.8201** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.8264, 10.4429, 33.7400**, and the grayscale version is **23.2120, 24.4208, 26.5943**.

A 20% lighter version of the original color is **49.5902, 52.5349, 24.0496**, and **9.2106, 9.7969, 1.8957** is the 20% darker color. If you saturate the color by 10%, you get **23.1228, 24.3855, 6.5287**, and if you desaturate by 10%, it is **25.0835, 26.8102, 11.7960**.

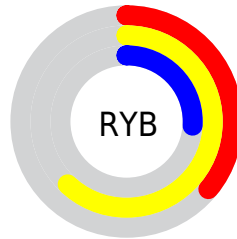
Distribution



Red (62%)

Green (54%)

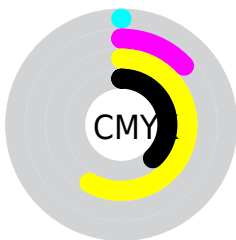
Blue (26%)



Red (36%)

Yellow (62%)

Blue (26%)

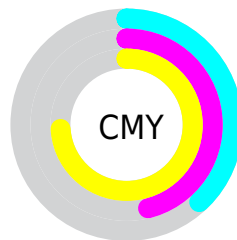


Cyan (0%)

Magenta (13%)

Yellow (58%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0296, 25.5538, 8.8201 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 24.0296, 25.5538, 8.8201 by changing the saturation by 10% instead.

■ 24.0296, 25.5538,
8.8201

■ 24.0296, 25.5538,
8.8201

265.4078,
280.5848, 192.1985

■ 15.4804, 16.4901,
4.5288

■ 49.5328, 52.5542,
24.1233

■ 9.2458, 9.8716,
1.9197

■ 67.2176, 71.2598,
35.9724

■ 4.9602, 5.3139,
0.5052

■ 88.6783, 93.9481,
51.1778

■ 2.2585, 2.4326,
0.0000

■ 114.2802,
121.0036, 70.1580

■ 0.7733, 0.8426,
0.0000

■ 144.3888,
152.8106, 93.3317

■ 0.0000, 0.0000,
0.0000

179.3693,

189.7535, 121.1173

219.5872,
232.2168, 153.9334

■ 24.0296, 25.5538,
8.8201

■ 24.0296, 25.5538,
8.8201

■ 23.1228, 24.3855,
6.5287

■ 25.0835, 26.8102,
11.7960

■ 22.3502, 23.2971,
4.8628

■ 26.2923, 28.1554,
15.5057

■ 21.6995, 22.2843,
3.7560

■ 27.6658, 29.5943,
19.9958

■ 21.1470, 21.3374,
3.0844

■ 29.2119, 31.1305,
25.3084

■ 21.0529, 21.1738,
2.9774

■ 30.9384, 32.7673,
31.4828

■ 32.8522, 34.5076,
38.5557

■ 34.9602, 36.3546,
46.5616

■ 37.2686, 38.3109,
55.5333

■ 39.7835, 40.3792,
65.5017

Harmonies

Analogous

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



28.9724, 25.5538, 10.3860



24.0296, 25.5538, 8.8201



19.7441, 25.5538, 10.7760

Triad

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



24.0296, 25.5538, 8.8201



17.2131, 25.5538, 44.1967



33.3964, 25.5538, 42.4677

Complementary

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



24.0296, 25.5538, 8.8201



11.8264, 10.4429, 33.7400

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.



29.4807, 25.5538, 57.1391



24.0296, 25.5538, 8.8201



20.1381, 25.5538, 58.3480

Square

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



24.0296, 25.5538, 8.8201



16.1453, 25.5538, 28.5734



24.5485, 25.5538, 63.7257



34.7911, 25.5538, 27.0873

Rectangle

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



24.0296, 25.5538, 8.8201



17.7192, 25.5538, 14.3697



24.5485, 25.5538, 63.7257



32.3078, 25.5538, 47.8019

Sweetspot

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



24.0302, 25.5550, 8.8206



53.3159, 56.7915, 46.8984



17.7883, 11.8615, 10.4693



11.8951, 12.6824, 10.1348



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.



24.0302, 25.5550, 8.8206



41.5250, 43.6479, 10.7887



22.9570, 29.8716, 9.7104



7.0417, 7.4634, 7.0551



16.8918, 17.0192, 2.3947



0.3311, 0.3624, 0.0525

Inverse Universe

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



11.8264, 10.4429, 33.7400



17.2807, 13.6835, 60.4738



12.3885, 8.5658, 33.3481



6.4015, 6.6687, 8.3565



5.4753, 3.0422, 26.2058



0.1263, 0.1111, 0.4780

Previews

White Background



This preview shows how the XYZ color 24.0296, 25.5538, 8.8201 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 24.0296, 25.5538, 8.8201 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 24.0296, 25.5538, 8.8201

Background



This preview shows how black text looks on a background with the XYZ color 24.0296, 25.5538, 8.8201.



This preview shows how white text looks on a background with the XYZ color 24.0296, 25.5538,

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

24.0296, 25.5538, 8.8201

Protanopia

23.3826, 25.6428, 9.0273

Deuteranopia

26.0590, 25.5657, 8.8714



Tritanopia

27.8203, 25.4571, 27.8735

Trichromacy



Original Color

24.0296, 25.5538, 8.8201

Protanomaly

23.6192, 25.5508, 8.9971

Deuteranomaly

25.2641, 25.5624, 8.9127

Tritanomaly

26.0762, 25.3538, 18.8486

Monochromacy



Original Color

24.0296, 25.5538, 8.8201

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.9463, 24.5737, 18.2857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0296, 25.5538, 8.8201 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(158, 137, 66)` looks like.

```
.text, #text, p{  
    color:rgb(158, 137, 66)  
}
```

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(158, 137, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 137, 66) }
```

Border

The CSS property to change the border of an element to XYZ 24.0296, 25.5538, 8.8201 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(158, 137, 66) }
```


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

```
.border{ border-color:rgb(158, 137, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 137, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 137, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 137, 66);  
box-shadow:4px 4px 4px 4px rgb(158, 137,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0296, 25.5538, 8.8201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 137, 66) }
```

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

```
.background{ background-color: rgb(158,  
137, 66) }
```

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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