

Converting Colors

XYZ(23.9791, 25.2069, 9.1110)

Have a look what the booklet for
XYZ(23.9791, 25.2069, 9.1110)
contains.

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Color

**XYZ(23.9481, 25.2948,
9.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8844
RGB	158, 136, 68
RGB Percent	62%, 53%, 27%
CMY	0.3804, 0.4666, 0.7333
CMYK	0.00, 0.14, 0.57, 0.38
HSL	45°, 40%, 44%
HSV	45°, 57%, 62%
XYZ	23.9481, 25.2948, 9.0890
YIQ	134.8260, 34.9400, -16.4840

Conversions

Conversions Part 2

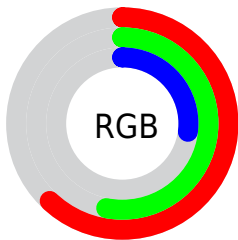
Format	Color
RYB	97, 158, 68
Decimal	10389572
CIELab	57.36, -0.41, 39.08
CIELCh	57, 39.080, 90.604
Yxy	25.2948, 0.4105, 0.4336
Android (android.graphics.Color)	4288579652 (0xFF9E8844)
YUV	134.8260, -32.9452, 20.3236
Hunter-Lab	50.2939, -3.0193, 24.4910

Details

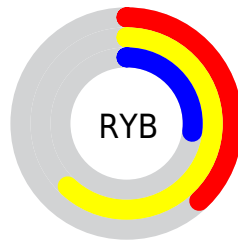
The XYZ color **23.9481, 25.2948, 9.0890** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.2115, 11.0094, 33.8290**, and the grayscale version is **23.0743, 24.2760, 26.4366**.

A 20% lighter version of the original color is **49.4919, 52.1503, 24.5970**, and **9.2347, 9.8065, 2.0222** is the 20% darker color. If you saturate the color by 10%, you get **22.9955, 24.0601, 6.7048**, and if you desaturate by 10%, it is **25.0515, 26.6230, 12.1653**.

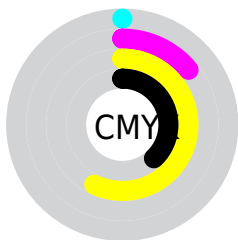
Distribution



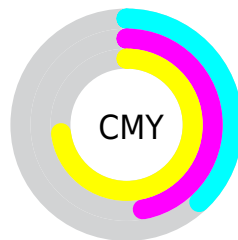
- Red (62%)
- Green (53%)
- Blue (27%)



- Red (38%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (57%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9481, 25.2948, 9.0890 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 23.9481, 25.2948, 9.0890 by changing the saturation by 10% instead.

■ 23.9481, 25.2948,
9.0890

■ 23.9481, 25.2948,
9.0890

265.0033,
279.3029, 194.2829

■ 15.4197, 16.2968,
4.7017

■ 49.4008, 52.1351,
24.6477

■ 9.2027, 9.7344,
2.0177

■ 67.0557, 70.7462,
36.6562

■ 4.9318, 5.2232,
0.5661

■ 88.4836, 93.3304,
52.0422

■ 2.2416, 2.3788,
0.0000

■ 114.0496,
120.2722, 71.2241

■ 0.7645, 0.8150,
0.0000

■ 144.1193,
151.9560, 94.6207

■ 0.0000, 0.0000,
0.0000

179.0579,

188.7661, 122.6503

219.2308,
231.0869, 155.7315

■ 23.9481, 25.2948,
9.0890

■ 23.9481, 25.2948,
9.0890

■ 22.9955, 24.0601,
6.7048

■ 25.0515, 26.6230,
12.1653

■ 22.1810, 22.9108,
4.9546

■ 26.3135, 28.0455,
15.9822

■ 21.4926, 21.8425,
3.7735

■ 27.7437, 29.5672,
20.5859

■ 20.9106, 20.8473,
3.0597

■ 29.3501, 31.1917,
26.0181

■ 20.7432, 20.5545,
2.8741

■ 31.1404, 32.9223,
32.3178

■ 33.1215, 34.7622,
39.5213

■ 35.3003, 36.7143,
47.6629

■ 37.6829, 38.7816,
56.7752

■ 40.2756, 40.9666,
66.8890

Harmonies

Analogous

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



28.6880, 25.2948, 10.7500



23.9481, 25.2948, 9.0890



19.7834, 25.2948, 10.8943

Triad

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



23.9481, 25.2948, 9.0890



17.1569, 25.2948, 42.6899



32.6744, 25.2948, 42.0687

Complementary

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



23.9481, 25.2948, 9.0890



12.2115, 11.0094, 33.8290

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.



28.8715, 25.2948, 55.8756



23.9481, 25.2948, 9.0890



19.9267, 25.2948, 56.3080

Square

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



23.9481, 25.2948, 9.0890



16.1847, 25.2948, 27.8117



24.1360, 25.2948, 61.7678



34.1022, 25.2948, 27.2735

Rectangle

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



23.9481, 25.2948, 9.0890



17.7905, 25.2948, 14.3089



24.1360, 25.2948, 61.7678



31.6092, 25.2948, 47.1291

Sweetspot

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



23.9487, 25.2960, 9.0895



53.1858, 56.5313, 46.8550



18.0346, 12.1503, 11.1798



11.8628, 12.6178, 10.1240



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.



23.9487, 25.2960, 9.0895



41.3879, 43.1853, 11.3233



23.3426, 30.0635, 10.0417



7.0327, 7.4455, 7.0521



16.6451, 16.5259, 2.3125



0.3281, 0.3565, 0.0515

Inverse Universe

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



12.2115, 11.0094, 33.8290



18.0586, 14.8402, 60.6561



12.5041, 8.8019, 33.3875



6.4099, 6.6855, 8.3593



5.5409, 3.1733, 26.2277



0.1290, 0.1165, 0.4789

Previews

White Background



This preview shows how the XYZ color 23.9481, 25.2948, 9.0890 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 23.9481, 25.2948, 9.0890 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 23.9481, 25.2948, 9.0890

Background



This preview shows how black text looks on a background with the XYZ color 23.9481, 25.2948, 9.0890.



This preview shows how white text looks on a background with the XYZ color 23.9481, 25.2948,

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

23.9481, 25.2948, 9.0890

Protanopia

23.1116, 25.2820, 9.2920

Deuteranopia

25.7680, 25.2083, 9.1378



Tritanopia

27.6165, 25.1658, 27.4467

Trichromacy



Original Color

23.9481, 25.2948, 9.0890

Protanomaly

23.3463, 25.1910, 9.2621

Deuteranomaly

25.1876, 25.3117, 9.1883

Tritanomaly

25.9972, 25.1062, 19.0986

Monochromacy



Original Color

23.9481, 25.2948, 9.0890

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8609, 24.3153, 18.5273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9481, 25.2948, 9.0890 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, 136, 68)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 68)  
}
```

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, 136, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 68) }
```

Border

The CSS property to change the border of an element to XYZ 23.9481, 25.2948, 9.0890 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, 136, 68) }
```


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

```
.border{ border-color:rgb(158, 136, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 68);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9481, 25.2948, 9.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 68) }
```

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

```
.background{ background-color: rgb(158,  
136, 68) }
```

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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