

Converting Colors

XYZ(23.8549, 25.3357, 29.0728)

Have a look what the booklet for
XYZ(23.8549, 25.3357, 29.0728)
contains.

XYZ(23.9466, 25.4866, 29.2485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.9466, 25.4866,
29.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	868B8E
RGB	134, 139, 142
RGB Percent	53%, 55%, 56%
CMY	0.4745, 0.4549, 0.4431
CMYK	0.06, 0.02, 0.00, 0.44
HSL	202°, 3%, 54%
HSV	202°, 6%, 56%
XYZ	23.9466, 25.4866, 29.2485
YIQ	137.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

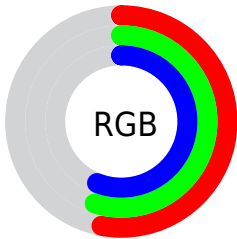
Format	Color
RYB	134, 137, 142
Decimal	8817550
CIELab	57.55, -1.22, -2.24
CIELCh	58, 2.550, 241.526
Yxy	25.4866, 0.3043, 0.3239
Android (android.graphics.Color)	4287007630 (0xFF868B8E)
YUV	137.8470, 2.0474, -3.3738
Hunter-Lab	50.4843, -3.6781, 0.9888

Details

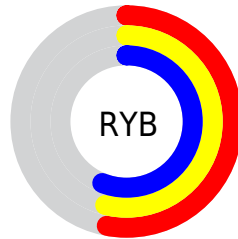
The XYZ color **23.9466, 25.4866, 29.2485** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4041, 25.3630, 26.1638**, and the grayscale version is **24.0933, 25.3480, 27.6040**.

A 20% lighter version of the original color is **49.3070, 52.2496, 59.7110**, and **9.1603, 9.8023, 11.5344** is the 20% darker color. If you saturate the color by 10%, you get **21.0820, 22.8946, 28.8996**, and if you desaturate by 10%, it is **27.1541, 28.3125, 29.6253**.

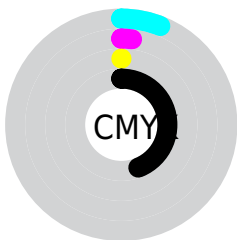
Distribution



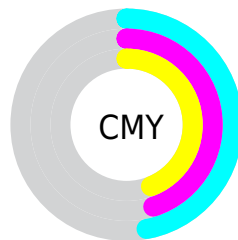
- Red (53%)
- Green (55%)
- Blue (56%)



- Red (53%)
- Yellow (54%)
- Blue (56%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9466, 25.4866, 29.2485 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 23.9466, 25.4866, 29.2485 by changing the saturation by 10% instead.

■ 23.9466, 25.4866,
29.2485

■ 23.9466, 25.4866,
29.2485

264.9959,
280.2526, 312.4832

■ 15.4185, 16.4400,
19.0217

■ 49.3984, 52.4455,
59.5186

■ 9.2019, 9.8360,
11.5090

■ 67.0528, 71.1266,
80.3989

■ 4.9313, 5.2904,
6.2918

■ 88.4800, 93.7880,
105.6675

■ 2.2413, 2.4186,
2.9517

114.0454,
120.8140, 135.7429

■ 0.7644, 0.8354,
1.0700

144.1143,
152.5891, 171.0436

■ 0.0000, 0.0000,
0.0000

179.0521,

189.4976, 211.9882

219.2242,
231.9240, 258.9952

■ 23.9466, 25.4866,
29.2485

■ 23.9466, 25.4866,
29.2485

■ 21.0820, 22.8946,
28.8996

■ 27.1541, 28.3125,
29.6253

■ 18.5456, 20.5259,
28.5760

■ 30.7141, 31.3759,
30.0289

■ 16.3247, 18.3740,
28.2777

■ 34.6388, 34.6844,
30.4607

■ 14.4050, 16.4306,
28.0038

■ 38.9388, 38.2443,
30.9212

■ 12.7710, 14.6869,
27.7534

■ 43.6244, 42.0617,
31.4111

■ 11.4057, 13.1333,
27.5254

■ 48.7056, 46.1423,
31.9309

■ 10.2901, 11.7591,
27.3190

■ 54.1918, 50.4918,
32.4813

■ 9.4024, 10.5522,
27.1328

■ 60.0923, 55.1156,
33.0628

■ 8.7115, 9.4956,
26.9653

■ 63.8691, 58.7060,
33.5567

Harmonies

Analogous

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



23.7293, 25.4866, 28.6353



23.9466, 25.4866, 29.2485



24.2398, 25.4866, 29.4581

Triad

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



23.9466, 25.4866, 29.2485



24.8134, 25.4866, 27.7060



23.9198, 25.4866, 26.3477

Complementary

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



23.9466, 25.4866, 29.2485



24.4041, 25.3630, 26.1638

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.



24.2087, 25.4866, 26.1103



23.9466, 25.4866, 29.2485



24.7260, 25.4866, 26.8843

Square

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



23.9466, 25.4866, 29.2485



24.7418, 25.4866, 28.5565



24.5040, 25.4866, 26.3047



23.7140, 25.4866, 26.9600

Rectangle

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



23.9466, 25.4866, 29.2485



24.4394, 25.4866, 29.3374



24.5040, 25.4866, 26.3047



24.0104, 25.4866, 26.2220

Sweetspot

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



23.9473, 25.4877, 29.2491



44.1894, 46.6864, 51.8102



24.0154, 26.2190, 27.4372



9.8867, 10.4424, 11.5739



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.9473, 25.4877, 29.2491



41.4266, 44.2275, 51.4812



23.3876, 24.3682, 29.0625



5.5202, 5.8958, 6.8758



7.5940, 8.1740, 24.1546



0.0938, 0.1206, 0.2380

Inverse Universe

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



24.3412, 24.6655, 27.9054



42.3017, 42.4177, 48.4916



24.9738, 26.5025, 26.3538



5.6403, 5.6477, 6.4655



11.6362, 5.8115, 9.0015



0.1220, 0.0598, 0.1425

Previews

White Background



This preview shows how the XYZ color 23.9466, 25.4866, 29.2485 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 23.9466, 25.4866, 29.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

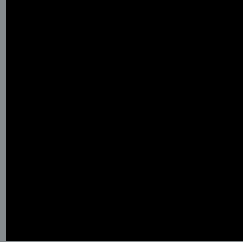
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

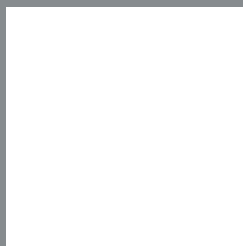
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9466, 25.4866, 29.2485

Background



This preview shows how black text looks on a background with the XYZ color 23.9466, 25.4866, 29.2485.



This preview shows how white text looks on a background with the XYZ color 23.9466, 25.4866,

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

23.9466, 25.4866, 29.2485

Protanopia

24.5686, 25.3899, 28.8051

Deuteranopia

25.8774, 25.4229, 29.5298



Tritanopia

24.5050, 25.4978, 32.0638

Trichromacy



Original Color

23.9466, 25.4866, 29.2485

Protanomaly

24.3774, 25.5033, 28.8371

Deuteranomaly

25.2637, 25.5208, 29.5811

Tritanomaly

24.2685, 25.4032, 30.8183

Monochromacy



Original Color

23.9466, 25.4866, 29.2485

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0652, 25.3594, 28.0526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9466, 25.4866, 29.2485 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(134, 139, 142)` looks like.

```
.text, #text, p{  
    color:rgb(134, 139, 142)  
}
```

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(134, 139, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 139, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.9466, 25.4866, 29.2485 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(134, 139, 142) }
```


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

```
.border{ border-color:rgb(134, 139, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 139, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 139, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 139, 142);  
box-shadow:4px 4px 4px 4px rgb(134, 139,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9466, 25.4866, 29.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 139, 142) }
```

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

```
.background{ background-color: rgb(134,  
139, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor