

# Converting Colors

XYZ(25.8840, 26.3515, 30.9784)

Have a look what the booklet for  
XYZ(25.8840, 26.3515, 30.9784)  
contains.

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# Color

**XYZ(25.9225, 26.4699,  
30.9371)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	908B92
RGB	144, 139, 146
RGB Percent	56%, 55%, 57%
CMY	0.4353, 0.4549, 0.4274
CMYK	0.01, 0.05, 0.00, 0.43
HSL	283°, 3%, 56%
HSV	283°, 5%, 57%
XYZ	25.9225, 26.4699, 30.9371
YIQ	141.2930, 0.7330, 3.2370

# Conversions

## Conversions Part 2

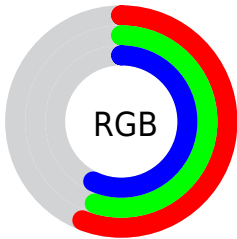
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 139, 146</a>
Decimal	<a href="#">9472914</a>
CIELab	<a href="#">58.48, 3.22, -3.07</a>
CIELCh	<a href="#">58, 4.445, 316.343</a>
Yxy	<a href="#">26.4699, 0.3111, 0.3177</a>
Android (android.graphics.Color)	<a href="#">4287662994 (0xFF908B92)</a>
YUV	<a href="#">141.2930, 2.3206, 2.3740</a>
Hunter-Lab	<a href="#">51.4489, -0.0985, 0.3622</a>

# Details

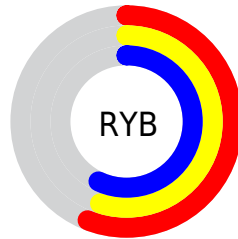
The XYZ color **25.9225, 26.4699, 30.9371** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9247, 28.0854, 28.4822**, and the grayscale version is **25.4240, 26.7481, 29.1287**.

A 20% lighter version of the original color is **52.5637, 53.8752, 62.2721**, and **10.2998, 10.3690, 12.5249** is the 20% darker color. If you saturate the color by 10%, you get **23.2328, 22.1524, 30.2459**, and if you desaturate by 10%, it is **28.9231, 31.3682, 31.7248**.

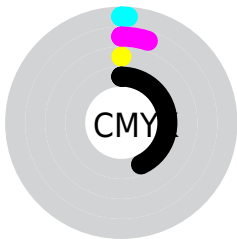
# Distribution



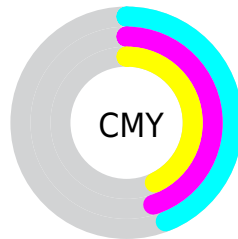
- Red (56%)
- Green (55%)
- Blue (57%)



- Red (56%)
- Yellow (55%)
- Blue (57%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (45%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9225, 26.4699, 30.9371 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 25.9225, 26.4699, 30.9371 by changing the saturation by 10% instead.



■ 25.9225, 26.4699,  
30.9371

■ 25.9225, 26.4699,  
30.9371

274.6651,  
285.0812, 320.5907

■ 16.8980, 17.1755,  
20.2929

■ 52.5821, 54.0320,  
62.2194

■ 10.2567, 10.3597,  
12.4219

■ 70.9479, 73.0686,  
83.6947

■ 5.6330, 5.6381,  
6.9057

■ 93.1583, 96.1213,  
109.6173

■ 2.6618, 2.6263,  
3.3256

119.5785,  
123.5746, 140.4059

■ 0.9775, 0.9399,  
1.2632

150.5739,  
155.8128, 176.4790

■ 0.0000, 0.0000,  
0.0314

186.5099,

■ 0.0000, 0.0000,

193.2204, 218.2551

0.0000

227.7519,  
236.1817, 266.1528

■ 25.9225, 26.4699,  
30.9371

■ 25.9225, 26.4699,  
30.9371

■ 23.2328, 22.1524,  
30.2459

■ 28.9231, 31.3682,  
31.7248

■ 20.8402, 18.3901,  
29.6458

■ 32.2430, 36.8651,  
32.6108

■ 18.7333, 15.1601,  
29.1334

■ 35.8932, 42.9817,  
33.5991

■ 16.8993, 12.4369,  
28.7044

■ 39.8834, 49.7373,  
34.6927

■ 15.3239, 10.1928,  
28.3543

■ 44.2231, 57.1499,  
35.8948

■ 13.9917, 8.3973,  
28.0779

■ 48.9212, 65.2373,  
37.2082

■ 12.8855, 7.0164,  
27.8697

■ 53.9862, 74.0163,  
38.6358

■ 11.9856, 6.0111,  
27.7231

■ 59.1694, 82.9887,  
40.0944

■ 11.2665, 5.3313,  
27.6298

■ 60.1376, 83.4878,  
40.1397

# Harmonies

## Analogous

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



25.4540, 26.4699, 31.7896



25.9225, 26.4699, 30.9371



26.1880, 26.4699, 29.5337

# Triad

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



25.9225, 26.4699, 30.9371



25.4064, 26.4699, 26.0097



24.1693, 26.4699, 29.6716

# Complementary

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



25.9225, 26.4699, 30.9371



25.9247, 28.0854, 28.4822

# 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.



24.1570, 26.4699, 28.1203



25.9225, 26.4699, 30.9371



24.8659, 26.4699, 26.0436

# Square

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



25.9225, 26.4699, 30.9371



25.8872, 26.4699, 26.7097



24.4103, 26.4699, 26.8041



24.4443, 26.4699, 31.0412



# Rectangle

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



25.9225, 26.4699, 30.9371



26.2118, 26.4699, 28.4919



24.4103, 26.4699, 26.8041



24.1344, 26.4699, 29.1531

# Sweetspot

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



25.9233, 26.4710, 30.9377



47.6621, 49.8342, 55.0805



25.3765, 26.6448, 31.0000



10.6106, 11.0986, 12.2552



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844



# Same Dimension

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



25.9233, 26.4710, 30.9377



45.0692, 45.6269, 54.4050



26.1676, 26.6095, 30.3842



6.0562, 6.1180, 7.3314



9.6388, 4.4415, 24.2803



0.1471, 0.0694, 0.2985



# Inverse Universe

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



25.8954, 26.5006, 28.9512



45.0098, 45.6947, 49.9568



25.6906, 27.9528, 29.0085



6.0479, 6.1277, 6.7004



10.8040, 5.5266, 2.4488



0.1437, 0.0722, 0.0901



# Previews

## White Background



This preview shows how the XYZ color 25.9225, 26.4699, 30.9371 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 25.9225, 26.4699, 30.9371 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

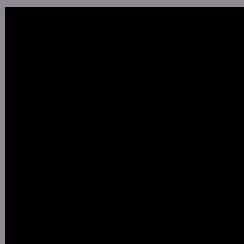
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 25.9225, 26.4699, 30.9371**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.9225, 26.4699, 30.9371.



This preview shows how white text looks on a background with the XYZ color 25.9225, 26.4699,



# 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

25.9225, 26.4699, 30.9371

### Protanopia

25.5509, 26.4942, 30.9613

### Deuteranopia

27.0195, 26.3903, 31.2735



## Tritanopia

26.1903, 26.3666, 32.1427

# Trichromacy



## Original Color

25.9225, 26.4699, 30.9371

## Protanomaly

25.7217, 26.5823, 30.9693

## Deuteranomaly

26.6065, 26.3875, 31.2947

## Tritanomaly

26.1108, 26.3348, 31.7239

# Monochromacy



## Original Color

25.9225, 26.4699, 30.9371

## Achromatopsia

25.3171, 26.6356, 29.0061

## Achromatomaly

25.4913, 26.4901, 29.7562

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.9225, 26.4699, 30.9371 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(144, 139, 146) looks like.

```
.text, #text, p{  
    color:rgb(144, 139, 146)  
}
```

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(144, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 139, 146) }
```

## Border

The CSS property to change the border of an element to XYZ 25.9225, 26.4699, 30.9371 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(144, 139, 146) }
```



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

```
.border{ border-color:rgb(144, 139, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 139, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 139, 146);  
box-shadow:4px 4px 4px 4px rgb(144, 139,  
146) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.9225, 26.4699, 30.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 139, 146) }
```

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

```
.background{ background-color: rgb(144,  
139, 146) }
```

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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