

Converting Colors

XYZ(25.9735, 26.5321, 29.3584)

Have a look what the booklet for
XYZ(25.9735, 26.5321, 29.3584)
contains.

XYZ(25.9692, 26.5292, 29.3431)	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(25.9692, 26.5292,
29.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	928B8E
RGB	146, 139, 142
RGB Percent	57%, 55%, 56%
CMY	0.4274, 0.4549, 0.4431
CMYK	0.00, 0.05, 0.03, 0.43
HSL	334°, 3%, 56%
HSV	334°, 5%, 57%
XYZ	25.9692, 26.5292, 29.3431
YIQ	141.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

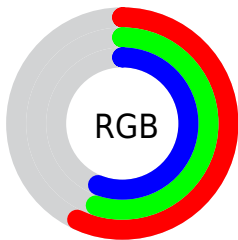
Format	Color
RYB	146, 139, 142
Decimal	9603982
CIELab	58.54, 3.17, -0.67
CIELCh	59, 3.242, 347.989
Yxy	26.5292, 0.3173, 0.3242
Android (android.graphics.Color)	4287794062 (0xFF928B8E)
YUV	141.4350, 0.2785, 4.0035
Hunter-Lab	51.5065, -0.1380, 2.2772

Details

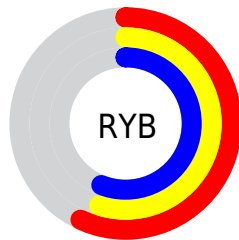
The XYZ color **25.9692, 26.5292, 29.3431** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8853, 28.0307, 30.0342**, and the grayscale version is **25.4869, 26.8142, 29.2007**.

A 20% lighter version of the original color is **52.6329, 53.9642, 59.8666**, and **10.3280, 10.4043, 11.5891** is the 20% darker color. If you saturate the color by 10%, you get **23.3916, 22.3393, 25.5073**, and if you desaturate by 10%, it is **28.8776, 31.3048, 33.5213**.

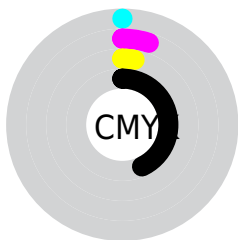
Distribution



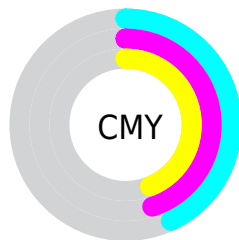
- Red (57%)
- Green (55%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (43%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9692, 26.5292, 29.3431 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 25.9692, 26.5292, 29.3431 by changing the saturation by 10% instead.

■ 25.9692, 26.5292,
29.3431

■ 25.9692, 26.5292,
29.3431

274.8903,
285.3703, 312.9418

■ 16.9332, 17.2200,
19.0927

■ 52.6569, 54.1275,
59.6704

■ 10.2819, 10.3914,
11.5598

■ 71.0393, 73.1853,
80.5845

■ 5.6499, 5.6593,
6.3258

■ 93.2678, 96.2614,
105.8901

■ 2.6720, 2.6390,
2.9722

119.7079,
123.7402, 136.0060

■ 0.9828, 0.9463,
1.0805

150.7248,
156.0061, 171.3505

■ 0.0000, 0.0000,
0.0000

186.6839,

193.4435, 212.3423

227.9507,
236.4367, 259.3999

■ 25.9692, 26.5292,
29.3431

■ 25.9692, 26.5292,
29.3431

■ 23.3916, 22.3393,
25.5073

■ 28.8776, 31.3048,
33.5213

■ 21.1304, 18.7091,
22.0032

■ 32.1259, 36.6842,
38.0490

■ 19.1735, 15.6156,
18.8217

■ 35.7260, 42.6887,
42.9350

■ 17.5070, 13.0330,
15.9529

■ 39.6881, 49.3376,
48.1874

■ 16.1160, 10.9332,
13.3863

■ 44.0224, 56.6495,
53.8141

■ 14.9843, 9.2855,
11.1105

■ 48.7382, 64.6422,
59.8226

■ 14.0935, 8.0555,
9.1133

■ 53.8450, 73.3327,
66.2201

■ 13.4231, 7.2039,
7.3814

■ 59.0944, 82.2231,
72.9282

■ 12.9465, 6.6800,
5.8993

■ 60.1537, 82.6469,
78.5065

Harmonies

Analogous

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



25.7866, 26.5292, 30.3737



25.9692, 26.5292, 29.3431



25.9482, 26.5292, 28.2159

Triad

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



25.9692, 26.5292, 29.3431



24.9802, 26.5292, 26.8561



24.7078, 26.5292, 30.5407

Complementary

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



25.9692, 26.5292, 29.3431



25.8853, 28.0307, 30.0342

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.



24.4962, 26.5292, 29.5662



25.9692, 26.5292, 29.3431



24.6523, 26.5292, 27.4473

Square

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



25.9692, 26.5292, 29.3431



25.3744, 26.5292, 26.7999



24.4760, 26.5292, 28.4333



25.0567, 26.5292, 31.0772

Rectangle

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



25.9692, 26.5292, 29.3431



25.8216, 26.5292, 27.5610



24.4760, 26.5292, 28.4333



24.6184, 26.5292, 30.2523

Sweetspot

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



25.9700, 26.5303, 29.3437



47.6789, 49.8564, 54.4735



25.7438, 26.3784, 30.9294



10.6141, 11.1032, 12.1289



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.



25.9700, 26.5303, 29.3437



45.1759, 45.7611, 50.8313



25.8155, 26.5769, 28.1966



6.0714, 6.1371, 6.8243



11.2207, 5.6933, 4.6431



0.1516, 0.0754, 0.1320

Inverse Universe

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



25.9700, 26.5303, 29.3437



45.1759, 45.7611, 50.8313



26.0437, 27.9792, 31.2225



6.0714, 6.1371, 6.8243



11.2207, 5.6933, 4.6431



0.1516, 0.0754, 0.1320

Previews

White Background



This preview shows how the XYZ color 25.9692, 26.5292, 29.3431 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 25.9692, 26.5292, 29.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

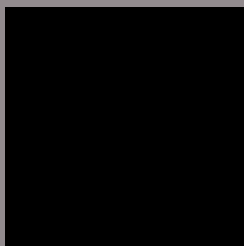
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

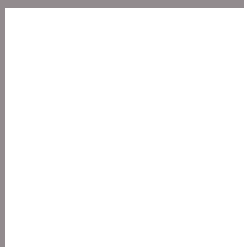
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9692, 26.5292, 29.3431

Background



This preview shows how black text looks on a background with the XYZ color 25.9692, 26.5292, 29.3431.



This preview shows how white text looks on a background with the XYZ color 25.9692, 26.5292,

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

25.9692, 26.5292, 29.3431

Protanopia

25.6637, 26.5790, 29.7642

Deuteranopia

26.8990, 26.3638, 29.6576



Tritanopia

26.5459, 26.5499, 32.1593

Trichromacy



Original Color

25.9692, 26.5292, 29.3431

Protanomaly

25.8376, 26.6686, 29.7724

Deuteranomaly

26.4813, 26.3585, 29.6786

Tritanomaly

26.3094, 26.4553, 30.9139

Monochromacy



Original Color

25.9692, 26.5292, 29.3431

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5135, 26.5189, 28.9733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9692, 26.5292, 29.3431 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(146, 139, 142) looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 139, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 139, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.9692, 26.5292, 29.3431 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(146, 139, 142) }
```


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

```
.border{ border-color:rgb(146, 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(146, 139, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 139, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 139, 142);  
box-shadow:4px 4px 4px 4px rgb(146, 139,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9692, 26.5292, 29.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 139, 142) }
```

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

```
.background{ background-color: rgb(146,  
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