

Converting Colors

XYZ(24.7626, 25.9072, 29.2866)

Have a look what the booklet for
XYZ(24.7626, 25.9072, 29.2866)
contains.

XYZ(24.7626, 25.9072, 29.2866)	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(24.7626, 25.9072,
29.2866)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8B8E
RGB	139, 139, 142
RGB Percent	55%, 55%, 56%
CMY	0.4549, 0.4549, 0.4431
CMYK	0.02, 0.02, 0.00, 0.44
HSL	240°, 1%, 55%
HSV	240°, 2%, 56%
XYZ	24.7626, 25.9072, 29.2866
YIQ	139.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

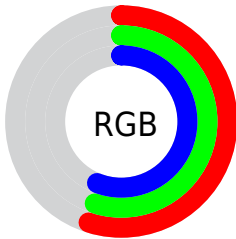
Format	Color
R_{YB}	139, 139, 142
Decimal	9145230
CIE Lab	57.95, 0.60, -1.60
CIE LCh	58, 1.711, 290.411
Yxy	25.9072, 0.3097, 0.3240
Android (android.graphics.Color)	4287335310 (0xFF8B8B8E)
YUV	139.3420, 1.3104, -0.2999
Hunter-Lab	50.8991, -2.2326, 1.5148

Details

The XYZ color **24.7626, 25.9072, 29.2866** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4886, 26.9607, 28.2871**, and the grayscale version is **24.6684, 25.9531, 28.2629**.

A 20% lighter version of the original color is **50.5517, 52.8913, 59.7692**, and **9.6240, 10.0413, 11.5561** is the 20% darker color. If you saturate the color by 10%, you get **20.6209, 20.9179, 28.5422**, and if you desaturate by 10%, it is **29.4805, 31.5910, 30.1354**.

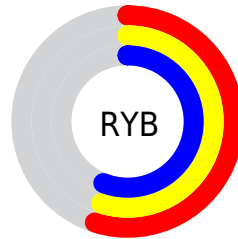
Distribution



Red (55%)

Green (55%)

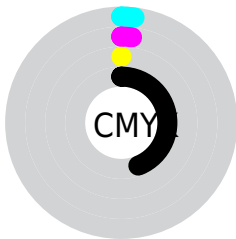
Blue (56%)



Red (55%)

Yellow (55%)

Blue (56%)

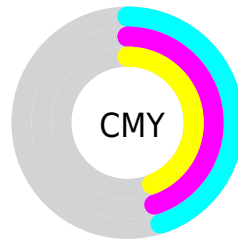


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7626, 25.9072, 29.2866 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 24.7626, 25.9072, 29.2866 by changing the saturation by 10% instead.

■ 24.7626, 25.9072,
29.2866

■ 24.7626, 25.9072,
29.2866

269.0231,
282.3262, 312.6680

■ 16.0281, 16.7542,
19.0503

■ 50.7175, 53.1252,
59.5797

■ 9.6350, 10.0594,
11.5294

■ 68.6686, 71.9590,
80.4736

■ 5.2180, 5.4384,
6.3055

■ 90.4225, 94.7886,
105.7572

■ 2.4118, 2.5067,
2.9599

116.3447,
121.9983, 135.8489

■ 0.8510, 0.8800,
1.0742

146.8005,
153.9725, 171.1672

■ 0.0000, 0.0000,
0.0000

182.1553,

191.0956, 212.1309

222.7744,
233.7521, 259.1583

■ 24.7626, 25.9072,
29.2866

■ 24.7626, 25.9072,
29.2866

■ 20.6209, 20.9179,
28.5422

■ 29.4805, 31.5910,
30.1354

■ 17.0313, 16.5933,
27.8967

■ 34.7932, 37.9909,
31.0907

■ 13.9711, 12.9063,
27.3463

■ 40.7211, 45.1319,
32.1566

■ 11.4152, 9.8268,
26.8866

■ 47.2832, 53.0367,
33.3365

■ 9.3366, 7.3223,
26.5128

■ 54.4974, 61.7268,
34.6337

■ 7.7058, 5.3570,
26.2194

■ 62.3810, 71.2233,
36.0512

■ 6.4898, 3.8915,
26.0006

■ 70.9507, 81.5461,
37.5920

■ 5.6513, 2.8807,
25.8497

■ 80.2226, 92.7146,
39.2591

■ 5.1462, 2.2715,
25.7587

■ 81.8826, 94.7330,
39.5612

Harmonies

Analogous

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



24.5580, 25.9072, 29.3435



24.7626, 25.9072, 29.2866



24.9309, 25.9072, 28.9387

Triad

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



24.7626, 25.9072, 29.2866



24.8776, 25.9072, 27.3422



24.2350, 25.9072, 28.0197

Complementary

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



24.7626, 25.9072, 29.2866



25.4886, 26.9607, 28.2871

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.



24.3196, 25.9072, 27.4908



24.7626, 25.9072, 29.2866



24.6901, 25.9072, 27.1032

Square

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



24.7626, 25.9072, 29.2866



24.9976, 25.9072, 27.8142



24.4860, 25.9072, 27.1573



24.2542, 25.9072, 28.6065

Rectangle

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



24.7626, 25.9072, 29.2866



24.9996, 25.9072, 28.5911



24.4860, 25.9072, 27.1573



24.2522, 25.9072, 27.8294

Sweetspot

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



24.7633, 25.9083, 29.2872



44.5255, 46.7201, 51.7990



25.1996, 26.7869, 29.4141



9.9568, 10.4495, 11.5716



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.



24.7633, 25.9083, 29.2872



42.9305, 44.7987, 51.5122



25.0068, 26.0334, 29.2985



5.6725, 5.9093, 6.8704



4.3847, 1.7554, 23.0848



0.0420, 0.0169, 0.2207

Inverse Universe

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



25.0487, 26.0807, 28.1412



43.6557, 45.2366, 48.6005



25.2418, 26.8338, 28.2757



5.7883, 5.9792, 6.4056



10.0163, 5.1635, 0.4713



0.0958, 0.0494, 0.0046

Previews

White Background



This preview shows how the XYZ color 24.7626, 25.9072, 29.2866 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 24.7626, 25.9072, 29.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

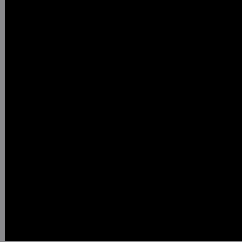
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

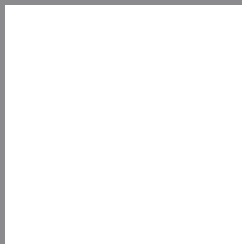
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7626, 25.9072, 29.2866

Background



This preview shows how black text looks on a background with the XYZ color 24.7626, 25.9072, 29.2866.



This preview shows how white text looks on a background with the XYZ color 24.7626, 25.9072,

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

24.7626, 25.9072, 29.2866

Protanopia

24.9555, 25.7927, 29.2544

Deuteranopia

26.3844, 25.8904, 29.5933



Tritanopia

25.3285, 25.9223, 32.1023

Trichromacy



Original Color

24.7626, 25.9072, 29.2866

Protanomaly

24.7862, 25.7054, 29.2465

Deuteranomaly

25.7947, 25.7945, 29.6059

Tritanomaly

25.0920, 25.8277, 30.8569

Monochromacy



Original Color

24.7626, 25.9072, 29.2866

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6137, 25.8477, 28.5028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7626, 25.9072, 29.2866 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(139, 139, 142)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 24.7626, 25.9072, 29.2866 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(139, 139, 142) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 24.7626, 25.9072, 29.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(139,  
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