

Converting Colors

XYZ(24.0905, 24.8602, 29.1223)

Have a look what the booklet for
XYZ(24.0905, 24.8602, 29.1223)
contains.

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Color

**XYZ(24.1679, 24.9646,
29.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	8A888E
RGB	138, 136, 142
RGB Percent	54%, 53%, 56%
CMY	0.4588, 0.4667, 0.4431
CMYK	0.03, 0.04, 0.00, 0.44
HSL	260°, 3%, 55%
HSV	260°, 4%, 56%
XYZ	24.1679, 24.9646, 29.1360
YIQ	137.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

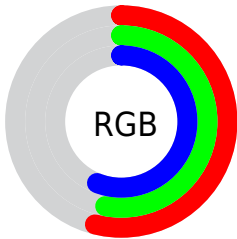
Format	Color
RYB	138, 136, 142
Decimal	9078926
CIELab	57.04, 1.93, -2.95
CIElCh	57, 3.525, 303.258
Yxy	24.9646, 0.3088, 0.3190
Android (android.graphics.Color)	4287269006 (0xFF8A888E)
YUV	137.2820, 2.3260, 0.6297
Hunter-Lab	49.9646, -1.0975, 0.4013

Details

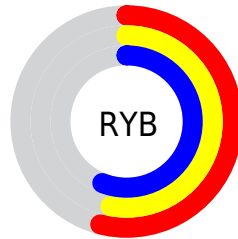
The XYZ color **24.1679, 24.9646, 29.1360** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9330, 26.6996, 27.1332**, and the grayscale version is **23.8768, 25.1203, 27.3560**.

A 20% lighter version of the original color is **49.6473, 51.4571, 59.5401**, and **9.2841, 9.5030, 11.4702** is the 20% darker color. If you saturate the color by 10%, you get **20.8002, 20.4543, 28.4433**, and if you desaturate by 10%, it is **27.9387, 30.0774, 29.9245**.

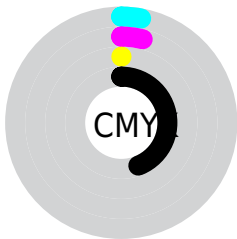
Distribution



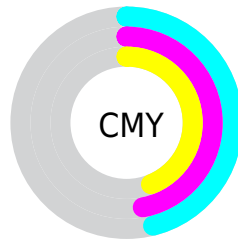
- Red (54%)
- Green (53%)
- Blue (56%)



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



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1679, 24.9646, 29.1360 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 24.1679, 24.9646, 29.1360 by changing the saturation by 10% instead.

■ 24.1679, 24.9646,
29.1360

■ 24.1679, 24.9646,
29.1360

266.0930,
277.6616, 311.9371

■ 15.5836, 16.0507,
18.9373

■ 49.7567, 51.5998,
59.3379

■ 9.3190, 9.5600,
11.4486

■ 67.4920, 70.0898,
80.1781

■ 5.0086, 5.1082,
6.2515

■ 89.0083, 92.5407,
105.4025

■ 2.2871, 2.3109,
2.9273

114.6710,
119.3369, 135.4297

■ 0.7881, 0.7795,
1.0577

144.8455,
150.8626, 170.6782

■ 0.0000, 0.0000,
0.0000

179.8971,

187.5024, 211.5666

220.1911,
229.6406, 258.5134

■ 24.1679, 24.9646,
29.1360

■ 24.1679, 24.9646,
29.1360

■ 20.8002, 20.4543,
28.4433

■ 27.9387, 30.0774,
29.9245

■ 17.8196, 16.5209,
27.8412

■ 32.1234, 35.8108,
30.8106

■ 15.2121, 13.1416,
27.3263

■ 36.7354, 42.1860,
31.7981

■ 12.9622, 10.2906,
26.8946

■ 41.7866, 49.2224,
32.8900

■ 11.0532, 7.9405,
26.5416

■ 47.2885, 56.9384,
34.0894

■ 9.4668, 6.0609,
26.2624

■ 53.2520, 65.3518,
35.3990

■ 8.1829, 4.6183,
26.0516

■ 59.6880, 74.4796,
36.8216

■ 7.1791, 3.5744,
25.9031

■ 66.6067, 84.3384,
38.3599

■ 6.4279, 2.8818,
25.8090

■ 71.1447, 89.1974,
39.0586

Harmonies

Analogous

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



23.7734, 24.9646, 29.5255



24.1679, 24.9646, 29.1360



24.4470, 24.9646, 28.2223

Triad

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



24.1679, 24.9646, 29.1360



24.0886, 24.9646, 25.1942



22.9412, 24.9646, 27.3122

Complementary

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



24.1679, 24.9646, 29.1360



24.9330, 26.6996, 27.1332

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.



23.0234, 24.9646, 26.1680



24.1679, 24.9646, 29.1360



23.6828, 24.9646, 24.9663

Square

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



24.1679, 24.9646, 29.1360



24.4008, 24.9646, 25.9495



23.2937, 24.9646, 25.3178



23.0678, 24.9646, 28.4534

Rectangle

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



24.1679, 24.9646, 29.1360



24.5285, 24.9646, 27.4511



23.2937, 24.9646, 25.3178



22.9453, 24.9646, 26.9151

Sweetspot

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



24.1686, 24.9657, 29.1365



44.6697, 46.7941, 51.8057



24.4294, 25.9734, 29.3173



9.9870, 10.4649, 11.5730



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.



24.1686, 24.9657, 29.1365



42.0677, 43.2819, 51.2649



24.6549, 25.2164, 29.1593



5.5862, 5.7368, 6.8416



5.4668, 2.3119, 23.1352



0.0738, 0.0332, 0.2222

Inverse Universe

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



24.6940, 25.2537, 28.3850



43.1824, 43.8931, 49.6663



24.4507, 26.4510, 27.1107



5.7467, 5.8247, 6.6113



11.8668, 5.9037, 10.2158



0.1237, 0.0605, 0.1517

Previews

White Background



This preview shows how the XYZ color 24.1679, 24.9646, 29.1360 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 24.1679, 24.9646, 29.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

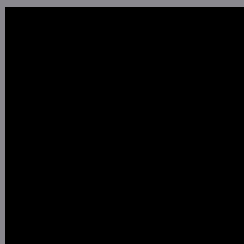
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1679, 24.9646, 29.1360

Background



This preview shows how black text looks on a background with the XYZ color 24.1679, 24.9646, 29.1360.



This preview shows how white text looks on a background with the XYZ color 24.1679, 24.9646,

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

24.1679, 24.9646, 29.1360

Protanopia

24.1679, 24.9646, 29.1360

Deuteranopia

25.3781, 24.9613, 29.4670



Tritanopia

24.4997, 24.8922, 30.7075

Trichromacy



Original Color

24.1679, 24.9646, 29.1360

Protanomaly

24.1679, 24.9646, 29.1360

Deuteranomaly

24.9846, 24.9627, 29.4880

Tritanomaly

24.4223, 24.8612, 30.2996

Monochromacy



Original Color

24.1679, 24.9646, 29.1360

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9224, 25.0738, 28.0050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1679, 24.9646, 29.1360 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(138, 136, 142) looks like.

```
.text, #text, p{  
    color:rgb(138, 136, 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(138, 136, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 136, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.1679, 24.9646, 29.1360 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(138, 136, 142) }
```


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

```
.border{ border-color:rgb(138, 136, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 136, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 136, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 136, 142);  
box-shadow:4px 4px 4px 4px rgb(138, 136,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1679, 24.9646, 29.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 136, 142) }
```

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

```
.background{ background-color: rgb(138,  
136, 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](#).

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