

Converting Colors

XYZ(24.2057, 24.8086, 29.0680)

Have a look what the booklet for
XYZ(24.2057, 24.8086, 29.0680)
contains.

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Color

**XYZ(24.1939, 24.7699,
29.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	8B878E
RGB	139, 135, 142
RGB Percent	55%, 53%, 56%
CMY	0.4549, 0.4706, 0.4431
CMYK	0.02, 0.05, 0.00, 0.44
HSL	274°, 3%, 54%
HSV	274°, 5%, 56%
XYZ	24.1939, 24.7699, 29.0971
YIQ	136.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

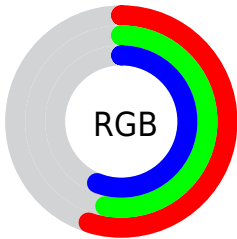
Format	Color
RYB	139, 135, 142
Decimal	9144206
CIELab	56.85, 2.87, -3.22
CIELCh	57, 4.311, 311.697
Yxy	24.7699, 0.3099, 0.3173
Android (android.graphics.Color)	4287334286 (0xFF8B878E)
YUV	136.9940, 2.4680, 1.7593
Hunter-Lab	49.7694, -0.3239, 0.1753

Details

The XYZ color **24.1939, 24.7699, 29.0971** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5284, 26.4992, 26.7450**, and the grayscale version is **23.7671, 25.0048, 27.2303**.

A 20% lighter version of the original color is **49.6853, 51.1584, 59.4804**, and **9.3001, 9.3936, 11.4482** is the 20% darker color. If you saturate the color by 10%, you get **21.3552, 20.5595, 28.4344**, and if you desaturate by 10%, it is **27.3550, 29.5402, 29.8516**.

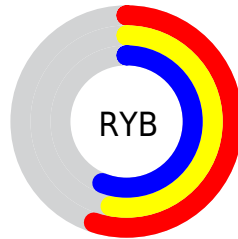
Distribution



Red (55%)

Green (53%)

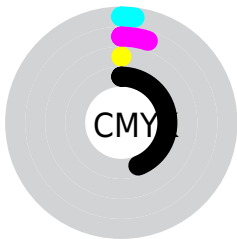
Blue (56%)



Red (55%)

Yellow (53%)

Blue (56%)

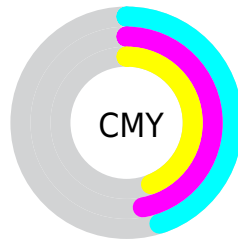


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1939, 24.7699, 29.0971 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 24.1939, 24.7699, 29.0971 by changing the saturation by 10% instead.

■ 24.1939, 24.7699,
29.0971

■ 24.1939, 24.7699,
29.0971

266.2216,
276.6901, 311.7481

■ 15.6030, 15.9057,
18.9081

■ 49.7988, 51.2837,
59.2753

■ 9.3328, 9.4575,
11.4277

■ 67.5436, 69.7021,
80.1017

■ 5.0177, 5.0407,
6.2375

■ 89.0703, 92.0740,
105.3108

■ 2.2925, 2.2712,
2.9189

114.7444,
118.7838, 135.3213

■ 0.7908, 0.7584,
1.0534

144.9313,
150.2159, 170.5518

■ 0.0000, 0.0000,
0.0000

179.9962,

186.7547, 211.4207

220.3045,
228.7847, 258.3466

■ 24.1939, 24.7699,
29.0971

■ 24.1939, 24.7699,
29.0971

■ 21.3552, 20.5595,
28.4344

■ 27.3550, 29.5402,
29.8516

■ 18.8253, 16.8845,
27.8584

■ 30.8469, 34.8872,
30.6997

■ 16.5931, 13.7233,
27.3659

■ 34.6806, 40.8311,
31.6449

■ 14.6455, 11.0518,
26.9529

■ 38.8658, 47.3900,
32.6903

■ 12.9689, 8.8436,
26.6150

■ 43.4117, 54.5814,
33.8388

■ 11.5480, 7.0699,
26.3475

■ 48.3275, 62.4218,
35.0931

■ 10.3659, 5.6986,
26.1452

■ 53.6216, 70.9275,
36.4558

■ 9.4036, 4.6928,
26.0017

■ 59.3024, 80.1139,
37.9295

■ 8.6356, 4.0039,
25.9092

■ 62.8376, 84.9150,
38.6699

Harmonies

Analogous

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



23.7402, 24.7699, 29.7817



24.1939, 24.7699, 29.0971



24.4756, 24.7699, 27.8516

Triad

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



24.1939, 24.7699, 29.0971



23.8488, 24.7699, 24.4189



22.6063, 24.7699, 27.5371

Complementary

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



24.1939, 24.7699, 29.0971



24.5284, 26.4992, 26.7450

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.



22.6345, 24.7699, 26.1076



24.1939, 24.7699, 29.0971



23.3470, 24.7699, 24.3415

Square

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



24.1939, 24.7699, 29.0971



24.2744, 24.7699, 25.1650



22.9040, 24.7699, 24.9496



22.8265, 24.7699, 28.8598

Rectangle

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



24.1939, 24.7699, 29.0971



24.5255, 24.7699, 26.8880



22.9040, 24.7699, 24.9496



22.5872, 24.7699, 27.0525

Sweetspot

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



24.1946, 24.7710, 29.0976



44.7735, 46.8476, 51.8105



23.9684, 25.2914, 29.2100



10.0086, 10.4761, 11.5740



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.



24.1946, 24.7710, 29.0976



42.0358, 42.7408, 51.1622



24.6675, 25.0188, 28.9373



5.5945, 5.6783, 6.8299



7.4611, 3.3399, 23.2285



0.0966, 0.0450, 0.2233

Inverse Universe

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



24.4076, 24.9148, 27.5687



42.5018, 43.0554, 47.8260



24.0717, 26.2600, 26.8955



5.6599, 5.7224, 6.3626



10.7781, 5.4683, 4.4828



0.1137, 0.0566, 0.0991

Previews

White Background



This preview shows how the XYZ color 24.1939, 24.7699, 29.0971 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 24.1939, 24.7699, 29.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

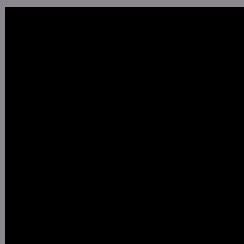
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1939, 24.7699, 29.0971

Background



This preview shows how black text looks on a background with the XYZ color 24.1939, 24.7699, 29.0971.



This preview shows how white text looks on a background with the XYZ color 24.1939, 24.7699,

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

24.1939, 24.7699, 29.0971

Protanopia

24.0032, 24.8797, 29.1283

Deuteranopia

25.2418, 24.6887, 29.4216



Tritanopia

24.4223, 24.8612, 30.2996

Trichromacy



Original Color

24.1939, 24.7699, 29.0971

Protanomaly

24.1679, 24.9646, 29.1360

Deuteranomaly

24.8471, 24.6875, 29.4422

Tritanomaly

24.3455, 24.8305, 29.8952

Monochromacy



Original Color

24.1939, 24.7699, 29.0971

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9456, 24.8757, 27.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1939, 24.7699, 29.0971 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, 135, 142) looks like.

```
.text, #text, p{  
    color:rgb(139, 135, 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, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 135, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.1939, 24.7699, 29.0971 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, 135, 142) }
```


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

```
.border{ border-color:rgb(139, 135, 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, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 135,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1939, 24.7699, 29.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 135, 142) }
```

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

```
.background{ background-color: rgb(139,  
135, 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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