

Converting Colors

XYZ(24.7735, 24.5116, 31.0187)

Have a look what the booklet for
XYZ(24.7735, 24.5116, 31.0187)
contains.

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Color

**XYZ(24.6731, 24.3599,
31.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8493
RGB	142, 132, 147
RGB Percent	56%, 52%, 58%
CMY	0.4431, 0.4823, 0.4235
CMYK	0.03, 0.10, 0.00, 0.42
HSL	280°, 6%, 55%
HSV	280°, 10%, 58%
XYZ	24.6731, 24.3599, 31.0053
YIQ	136.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

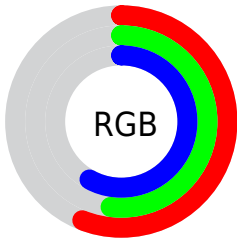
Format	Color
R_{YB}	142, 132, 147
Decimal	9340051
CIE Lab	56.45, 6.69, -6.67
CIE LCh	56, 9.447, 315.068
Yxy	24.3599, 0.3083, 0.3044
Android (android.graphics.Color)	4287530131 (0xFF8E8493)
YUV	136.7000, 5.0779, 4.6481
Hunter-Lab	49.3557, 2.8602, -2.6970

Details

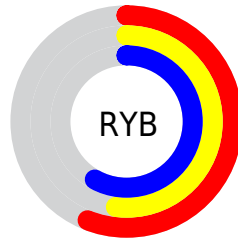
The XYZ color **24.6731, 24.3599, 31.0053** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9159, 27.8524, 25.8938**, and the grayscale version is **23.6464, 24.8779, 27.0920**.

A 20% lighter version of the original color is **50.6565, 50.6507, 62.3650**, and **9.6182, 9.3064, 12.3557** is the 20% darker color. If you saturate the color by 10%, you get **21.9963, 20.2269, 30.3490**, and if you desaturate by 10%, it is **27.6692, 29.0759, 31.7580**.

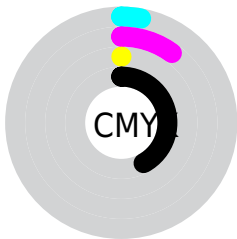
Distribution



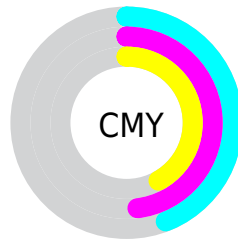
- Red (56%)
- Green (52%)
- Blue (58%)



- Red (56%)
- Yellow (52%)
- Blue (58%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6731, 24.3599, 31.0053 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 24.6731, 24.3599, 31.0053 by changing the saturation by 10% instead.

■ 24.6731, 24.3599,
31.0053

■ 24.6731, 24.3599,
31.0053

268.5838,
274.6350, 320.9147

■ 15.9611, 15.6008,
20.3444

■ 50.5731, 50.6169,
62.3281

■ 9.5873, 9.2421,
12.4591

■ 68.4919, 68.8835,
83.8270

■ 5.1864, 4.8994,
6.9308

■ 90.2102, 91.0882,
109.7758

■ 2.3929, 2.1884,
3.3411

116.0935,
117.6152, 140.5928

■ 0.8416, 0.7137,
1.2713

146.5072,
148.8490, 176.6966

■ 0.0000, 0.0000,
0.0381

181.8166,

■ 0.0000, 0.0000,

185.1740, 218.5059

0.0000

222.3870,
226.9745, 266.4391

■ 24.6731, 24.3599,
31.0053

■ 24.6731, 24.3599,
31.0053

■ 21.9963, 20.2269,
30.3490

■ 27.6692, 29.0759,
31.7580

■ 19.6245, 16.6501,
29.7836

■ 30.9939, 34.3939,
32.6093

■ 17.5455, 13.6053,
29.3055

■ 34.6588, 40.3361,
33.5631

■ 15.7452, 11.0653,
28.9101

■ 38.6743, 46.9225,
34.6227

■ 14.2085, 9.0003,
28.5925

■ 43.0501, 54.1721,
35.7914

■ 12.9185, 7.3775,
28.3473

■ 47.7959, 62.1034,
37.0722

■ 11.8562, 6.1597,
28.1682

■ 52.9206, 70.7338,
38.4679

■ 10.9995, 5.3033,
28.0481

■ 58.4332, 80.0805,
39.9815

■ 10.3033, 4.7031,
27.9689

■ 61.3016, 84.0788,
40.6020

Harmonies

Analogous

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



23.7039, 24.3599, 32.7698



24.6731, 24.3599, 31.0053



25.2437, 24.3599, 28.1049

Triad

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



24.6731, 24.3599, 31.0053



23.6990, 24.3599, 21.1234



21.1829, 24.3599, 28.1193

Complementary

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



24.6731, 24.3599, 31.0053



24.9159, 27.8524, 25.8938

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.



21.1817, 24.3599, 25.0031



24.6731, 24.3599, 31.0053



22.6114, 24.3599, 21.1266

Square

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



24.6731, 24.3599, 31.0053



24.6694, 24.3599, 22.4873



21.6973, 24.3599, 22.4964



21.7007, 24.3599, 31.0165

Rectangle

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



24.6731, 24.3599, 31.0053



25.3102, 24.3599, 25.9957



21.6973, 24.3599, 22.4964



21.1226, 24.3599, 27.0590

Sweetspot

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



24.6738, 24.3609, 31.0058



47.9579, 49.5474, 56.4705



23.7644, 24.9756, 31.1724



10.8522, 11.1597, 12.8669



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.6738, 24.3609, 31.0058



43.1610, 42.0297, 55.2723



25.3762, 24.7432, 30.1261



5.8494, 5.8133, 7.2835



8.9591, 4.0912, 24.2485



0.1410, 0.0662, 0.2983

Inverse Universe

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



24.8001, 24.5128, 27.0923



43.4384, 42.3576, 46.9350



24.2708, 27.5018, 26.6760



5.8758, 5.8454, 6.4521



10.9229, 5.5742, 3.0750



0.1463, 0.0733, 0.1041

Previews

White Background



This preview shows how the XYZ color 24.6731, 24.3599, 31.0053 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 24.6731, 24.3599, 31.0053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

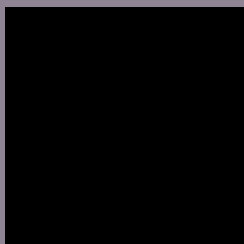
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

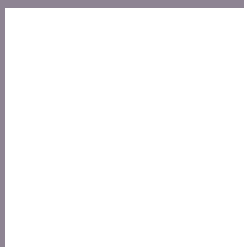
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6731, 24.3599, 31.0053

Background



This preview shows how black text looks on a background with the XYZ color 24.6731, 24.3599, 31.0053.



This preview shows how white text looks on a background with the XYZ color 24.6731, 24.3599,

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

24.6731, 24.3599, 31.0053

Protanopia

23.7814, 24.2885, 31.8685

Deuteranopia

24.8454, 24.4488, 31.0133



Tritanopia

24.3300, 24.4209, 29.4180

Trichromacy



Original Color

24.6731, 24.3599, 31.0053

Protanomaly

24.0494, 24.2315, 31.4266

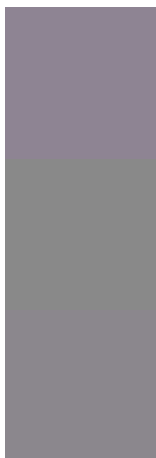
Deuteranomaly

24.8454, 24.4488, 31.0133

Tritanomaly

24.4061, 24.4514, 29.8188

Monochromacy



Original Color

24.6731, 24.3599, 31.0053

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1192, 24.7400, 28.7034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6731, 24.3599, 31.0053 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(142, 132, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 147)  
}
```

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(142, 132, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 147) }
```

Border

The CSS property to change the border of an element to XYZ 24.6731, 24.3599, 31.0053 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(142, 132, 147) }
```


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

```
.border{ border-color:rgb(142, 132, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 132, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 132, 147); box-shadow:4px 4px 4px 4px rgb(142, 132, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6731, 24.3599, 31.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 147) }
```

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

```
.background{ background-color: rgb(142,  
132, 147) }
```

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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