

Converting Colors

XYZ(24.0223, 23.8058, 31.7626)

Have a look what the booklet for
XYZ(24.0223, 23.8058, 31.7626)
contains.

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Color

**XYZ(24.0223, 23.8058,
31.7626)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8395
RGB	138, 131, 149
RGB Percent	54%, 51%, 58%
CMY	0.4588, 0.4863, 0.4157
CMYK	0.07, 0.12, 0.00, 0.42
HSL	263°, 8%, 55%
HSV	263°, 12%, 58%
XYZ	24.0223, 23.8058, 31.7626
YIQ	135.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

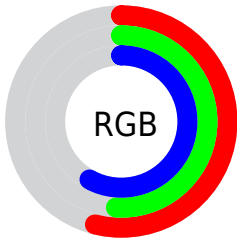
Format	Color
R_{YB}	138, 131, 149
Decimal	9077653
CIE Lab	55.89, 6.24, -8.69
CIE LCh	56, 10.700, 305.703
Yxy	23.8058, 0.3018, 0.2991
Android (android.graphics.Color)	4287267733 (0xFF8A8395)
YUV	135.1450, 6.8305, 2.5038
Hunter-Lab	48.7912, 2.4997, -4.4434

Details

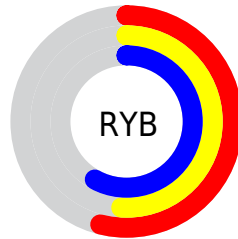
The XYZ color **24.0223, 23.8058, 31.7626** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.0004, 28.8850, 25.6789**, and the grayscale version is **23.0594, 24.2603, 26.4194**.

A 20% lighter version of the original color is **49.4058, 49.6691, 63.4830**, and **9.2464, 8.9911, 12.8034** is the 20% darker color. If you saturate the color by 10%, you get **20.7194, 19.3434, 31.0757**, and if you desaturate by 10%, it is **27.7408, 28.9110, 32.5524**.

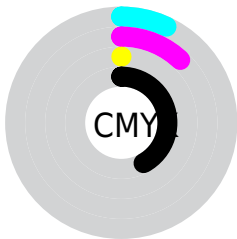
Distribution



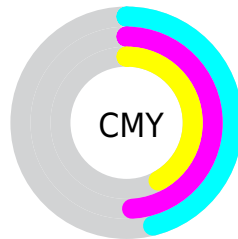
- Red (54%)
- Green (51%)
- Blue (58%)



- Red (54%)
- Yellow (51%)
- Blue (58%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0223, 23.8058, 31.7626 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 24.0223, 23.8058, 31.7626 by changing the saturation by 10% instead.

■ 24.0223, 23.8058,
31.7626

■ 24.0223, 23.8058,
31.7626

265.3716,
271.8372, 324.4957

■ 15.4750, 15.1896,
20.9169

■ 49.5210, 49.7131,
63.5323

■ 9.2419, 8.9526,
12.8726

■ 67.2031, 67.7730,
85.2934

■ 4.9577, 4.7103,
7.2112

■ 88.6608, 89.7497,
111.5301

■ 2.2569, 2.0783,
3.5141

114.2596,
116.0274, 142.6609

■ 0.7725, 0.6524,
1.3628

144.3647,
146.9906, 179.1043

■ 0.0000, 0.0000,
0.1124

179.3415,

■ 0.0000, 0.0000,

183.0237, 221.2789

0.0000

219.5553,
224.5111, 269.6032

■ 24.0223, 23.8058,
31.7626

■ 24.0223, 23.8058,
31.7626

■ 20.7194, 19.3434,
31.0757

■ 27.7408, 28.9110,
32.5524

■ 17.8146, 15.4947,
30.4859

■ 31.8873, 34.6804,
33.4474

■ 15.2923, 12.2328,
29.9893

■ 36.4762, 41.1384,
34.4521

■ 13.1351, 9.5278,
29.5809

■ 41.5205, 48.3069,
35.5699

■ 11.3239, 7.3467,
29.2553

■ 47.0329, 56.2070,
36.8042

■ 9.8379, 5.6533,
29.0068

■ 53.0254, 64.8591,
38.1584

■ 8.6536, 4.4062,
28.8285

■ 59.5095, 74.2824,
39.6355

■ 7.7436, 3.5569,
28.7125

■ 66.4966, 84.4956,
41.2386

■ 7.1659, 3.0675,
28.6485

■ 70.6887, 88.8998,
41.8678

Harmonies

Analogous

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



22.8604, 23.8058, 33.1901



24.0223, 23.8058, 31.7626



24.8309, 23.8058, 28.7818

Triad

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



24.0223, 23.8058, 31.7626



23.6049, 23.8058, 20.2711



20.3736, 23.8058, 26.5933

Complementary

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



24.0223, 23.8058, 31.7626



26.0004, 28.8850, 25.6789

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.



20.5569, 23.8058, 23.2554



24.0223, 23.8058, 31.7626



22.3946, 23.8058, 19.7983

Square

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



24.0223, 23.8058, 31.7626



24.5839, 23.8058, 22.1971



21.2862, 23.8058, 20.8426



20.7762, 23.8058, 30.0386

Rectangle

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



24.0223, 23.8058, 31.7626



25.0454, 23.8058, 26.4267



21.2862, 23.8058, 20.8426



20.3690, 23.8058, 25.4208

Sweetspot

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



24.0230, 23.8068, 31.7631



48.2858, 49.8509, 57.9985



24.4736, 26.3718, 32.2345



10.5947, 10.9015, 12.8306



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.



24.0230, 23.8068, 31.7631



41.6541, 40.7746, 56.5961



25.5565, 24.5974, 31.8349



5.7000, 5.7363, 7.2765



6.0624, 2.5979, 24.1129



0.1055, 0.0479, 0.2966

Inverse Universe

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



25.3941, 24.5762, 28.9978



44.5282, 42.3882, 50.7717



24.5337, 28.1289, 25.6103



5.9407, 5.8714, 6.7940



12.0382, 6.0203, 8.9483



0.1618, 0.0795, 0.1858

Previews

White Background



This preview shows how the XYZ color 24.0223, 23.8058, 31.7626 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 24.0223, 23.8058, 31.7626 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

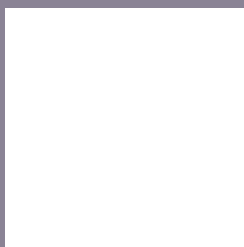
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0223, 23.8058, 31.7626

Background



This preview shows how black text looks on a background with the XYZ color 24.0223, 23.8058, 31.7626.



This preview shows how white text looks on a background with the XYZ color 24.0223, 23.8058,

31.7626.

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

24.0223, 23.8058, 31.7626

Protanopia

23.2526, 23.8024, 32.2229

Deuteranopia

24.2227, 23.7106, 31.7337



Tritanopia

23.5257, 23.8041, 29.3413

Trichromacy



Original Color

24.0223, 23.8058, 31.7626

Protanomaly

23.5878, 23.7729, 32.1996

Deuteranomaly

24.0549, 23.6242, 31.7259

Tritanomaly

23.6786, 23.8652, 30.1465

Monochromacy



Original Color

24.0223, 23.8058, 31.7626

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4121, 24.1779, 28.2438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0223, 23.8058, 31.7626 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, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(138, 131, 149)  
}
```

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, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 131, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.0223, 23.8058, 31.7626 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, 131, 149) }
```


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

```
.border{ border-color:rgb(138, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 131, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 131, 149);  
box-shadow:4px 4px 4px 4px rgb(138, 131,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0223, 23.8058, 31.7626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 131, 149) }
```

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

```
.background{ background-color: rgb(138,  
131, 149) }
```

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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