

Converting Colors

XYZ(24.3915, 23.8757, 30.9117)

Have a look what the booklet for
XYZ(24.3915, 23.8757, 30.9117)
contains.

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Color

**XYZ(24.4044, 23.8226,
30.9157)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8293
RGB	142, 130, 147
RGB Percent	56%, 51%, 58%
CMY	0.4431, 0.4902, 0.4235
CMYK	0.03, 0.12, 0.00, 0.42
HSL	282°, 7%, 54%
HSV	282°, 12%, 58%
XYZ	24.4044, 23.8226, 30.9157
YIQ	135.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

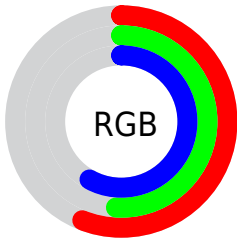
Format	Color
R_{YB}	142, 130, 147
Decimal	9339539
CIE _{Lab}	55.91, 7.84, -7.47
CIE _{LCh}	56, 10.828, 316.379
Yxy	23.8226, 0.3084, 0.3010
Android (android.graphics.Color)	4287529619 (0xFF8E8293)
YUV	135.5260, 5.6567, 5.6777
Hunter-Lab	48.8084, 3.8360, -3.3890

Details

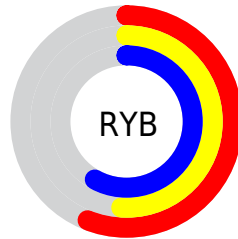
The XYZ color **24.4044, 23.8226, 30.9157** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4555, 27.6306, 25.1645**, and the grayscale version is **23.2044, 24.4128, 26.5856**.

A 20% lighter version of the original color is **50.2411, 49.8198, 62.2265**, and **9.4674, 9.0047, 12.3054** is the 20% darker color. If you saturate the color by 10%, you get **21.8598, 19.8131, 30.2763**, and if you desaturate by 10%, it is **27.2586, 28.4077, 31.6506**.

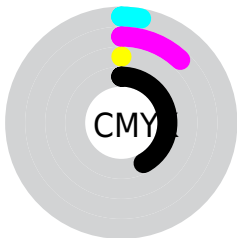
Distribution



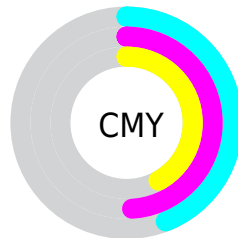
- Red (56%)
- Green (51%)
- Blue (58%)



- Red (56%)
- Yellow (51%)
- Blue (58%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4044, 23.8226, 30.9157 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 24.4044, 23.8226, 30.9157 by changing the saturation by 10% instead.

■ 24.4044, 23.8226,
30.9157

■ 24.4044, 23.8226,
30.9157

267.2614,
271.9224, 320.4889

■ 15.7602, 15.2021,
20.2767

■ 50.1392, 49.7406,
62.1853

■ 9.4444, 8.9613,
12.4103

■ 67.9606, 67.8068,
83.6531

■ 5.0916, 4.7160,
6.8978

■ 89.5717, 89.7904,
109.5676

■ 2.3364, 2.0816,
3.3208

115.3379,
116.0757, 140.3472

■ 0.8132, 0.6542,
1.2607

145.6247,
147.0471, 176.4107

■ 0.0000, 0.0000,
0.0292

180.7973,

■ 0.0000, 0.0000,

183.0892, 218.1764

0.0000

221.2210,
224.5861, 266.0630

■ 24.4044, 23.8226,
30.9157

■ 24.4044, 23.8226,
30.9157

■ 21.8598, 19.8131,
30.2763

■ 27.2586, 28.4077,
31.6506

■ 19.6105, 16.3524,
29.7268

■ 30.4316, 33.5876,
32.4832

■ 17.6443, 13.4161,
29.2637

■ 33.9349, 39.3846,
33.4175

■ 15.9472, 10.9768,
28.8823

■ 37.7789, 45.8187,
34.4568

■ 14.5039, 9.0043,
28.5777

■ 41.9733, 52.9090,
35.6043

■ 13.2976, 7.4655,
28.3442

■ 46.5275, 60.6739,
36.8631

■ 12.3091, 6.3225,
28.1757

■ 51.4505, 69.1311,
38.2360

■ 11.5157, 5.5307,
28.0647

■ 56.7510, 78.2974,
39.7259

■ 10.9478, 5.0354,
27.9990

■ 60.0630, 83.4403,
40.5440

Harmonies

Analogous

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



23.3185, 23.8226, 33.0210



24.4044, 23.8226, 30.9157



25.0282, 23.8226, 27.5725

Triad

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



24.4044, 23.8226, 30.9157



23.2062, 23.8226, 19.8783



20.4413, 23.8226, 27.9028

Complementary

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



24.4044, 23.8226, 30.9157



24.4555, 27.6306, 25.1645

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.



20.4137, 23.8226, 24.3709



24.4044, 23.8226, 30.9157



21.9801, 23.8226, 19.9493

Square

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



24.4044, 23.8226, 30.9157



24.3196, 23.8226, 21.3233



20.9678, 23.8226, 21.5269



21.0446, 23.8226, 31.1764

Rectangle

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



24.4044, 23.8226, 30.9157



25.0839, 23.8226, 25.1910



20.9678, 23.8226, 21.5269



20.3652, 23.8226, 26.7012

Sweetspot

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



24.4051, 23.8236, 30.9162



48.0139, 49.5762, 56.4731



23.1512, 24.2093, 31.0567



10.8681, 11.1679, 12.8676



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.



24.4051, 23.8236, 30.9162



42.4097, 40.6071, 55.0373



25.0194, 24.1707, 29.5728



5.8709, 5.8244, 7.2845



9.5165, 4.3785, 24.2746



0.1460, 0.0688, 0.2985

Inverse Universe

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



24.3892, 23.9186, 26.2541



42.3895, 40.8221, 44.8518



23.9018, 27.3184, 26.3497



5.8668, 5.8418, 6.4048



10.8233, 5.5344, 2.5505



0.1441, 0.0724, 0.0925

Previews

White Background



This preview shows how the XYZ color 24.4044, 23.8226, 30.9157 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 24.4044, 23.8226, 30.9157 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 24.4044, 23.8226, 30.9157

Background



This preview shows how black text looks on a background with the XYZ color 24.4044, 23.8226, 30.9157.



This preview shows how white text looks on a background with the XYZ color 24.4044, 23.8226,

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

24.4044, 23.8226, 30.9157

Protanopia

23.3281, 23.8505, 31.8079

Deuteranopia

24.2336, 23.7346, 30.9077



Tritanopia

23.9085, 23.8184, 28.5366

Trichromacy



Original Color

24.4044, 23.8226, 30.9157

Protanomaly

23.7499, 23.8749, 31.3735

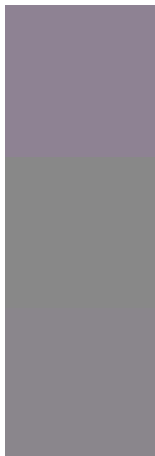
Deuteranomaly

24.2336, 23.7346, 30.9077

Tritanomaly

24.0587, 23.8785, 29.3276

Monochromacy



Original Color

24.4044, 23.8226, 30.9157

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7400, 24.3469, 28.2591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4044, 23.8226, 30.9157 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, 130, 147)` looks like.

```
.text, #text, p{  
    color:rgb(142, 130, 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, 130, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 130, 147) }
```

Border

The CSS property to change the border of an element to XYZ 24.4044, 23.8226, 30.9157 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, 130, 147) }
```


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

```
.border{ border-color:rgb(142, 130, 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, 130, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 130, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 130, 147);  
box-shadow:4px 4px 4px 4px rgb(142, 130,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4044, 23.8226, 30.9157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 130, 147) }
```

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

```
.background{ background-color: rgb(142,  
130, 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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