

Converting Colors

XYZ(24.8011, 23.9338, 26.2342)

Have a look what the booklet for
XYZ(24.8011, 23.9338, 26.2342)
contains.

XYZ(24.8011, 23.9338, 26.2342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.8011, 23.9338,
26.2342)**

Conversions

Conversions Part 1

Format	Color
Hex	968187
RGB	150, 129, 135
RGB Percent	59%, 51%, 53%
CMY	0.4118, 0.4941, 0.4706
CMYK	0.00, 0.14, 0.10, 0.41
HSL	343°, 9%, 55%
HSV	343°, 14%, 59%
XYZ	24.8011, 23.9338, 26.2342
YIQ	135.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

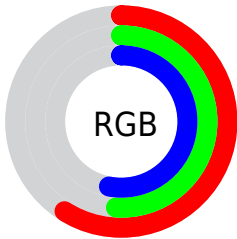
Format	Color
RYB	150, 129, 135
Decimal	9863559
CIELab	56.02, 9.07, -0.28
CIELCh	56, 9.074, 358.255
Yxy	23.9338, 0.3308, 0.3192
Android (android.graphics.Color)	4288053639 (0xFF968187)
YUV	135.9630, -0.4748, 12.3104
Hunter-Lab	48.9222, 4.8768, 2.4517

Details

The XYZ color **24.8011, 23.9338, 26.2342** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9946, 28.4940, 30.5695**, and the grayscale version is **23.3874, 24.6053, 26.7952**.

A 20% lighter version of the original color is **50.7069, 49.9241, 54.5407**, and **9.6539, 9.0458, 9.8315** is the 20% darker color. If you saturate the color by 10%, you get **22.2517, 19.9820, 21.8476**, and if you desaturate by 10%, it is **27.7179, 28.4982, 31.1185**.

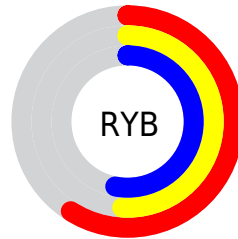
Distribution



Red (59%)

Green (51%)

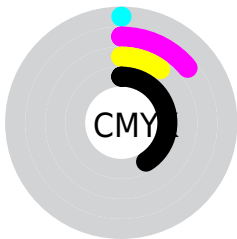
Blue (53%)



Red (59%)

Yellow (51%)

Blue (53%)

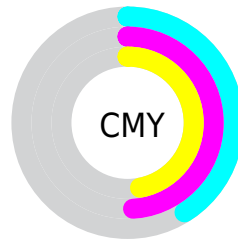


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (41%)



Cyan (41%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8011, 23.9338, 26.2342 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 24.8011, 23.9338, 26.2342 by changing the saturation by 10% instead.


 24.8011, 23.9338,
26.2342


 24.8011, 23.9338,
26.2342

269.2119,
272.4856, 297.5718


 16.0569, 15.2845,
16.7716


 50.7796, 49.9222,
54.6412

 9.6555, 9.0193,
9.9115


 68.7446, 68.0300,
74.4228

 5.2317, 4.7538,
5.2355


 90.5138, 90.0595,
98.4810

 2.4200, 2.1035,
2.3250

116.4527,
116.3951, 127.2345

 0.8551, 0.6666,
0.7451

146.9266,
147.4211, 161.1018

 0.0000, 0.0000,
0.0000

182.3009,

183.5219, 200.5014

222.9409,
225.0819, 245.8519

■ 24.8011, 23.9338,
26.2342

■ 24.8011, 23.9338,
26.2342

■ 22.2517, 19.9820,
21.8476

■ 27.7179, 28.4982,
31.1185

■ 20.0528, 16.6136,
17.9413

■ 31.0140, 33.6966,
36.5142

■ 18.1892, 13.8016,
14.4989

■ 34.7033, 39.5532,
42.4364

■ 16.6440, 11.5159,
11.5025

■ 38.7984, 46.0898,
48.8990

■ 15.3982, 9.7232,
8.9331

■ 43.3113, 53.3276,
55.9155

■ 14.4314, 8.3865,
6.7702

■ 48.2535, 61.2865,
63.4988

■ 13.7199, 7.4636,
4.9913

■ 53.6360, 69.9857,
71.6613

■ 13.2357, 6.9036,
3.5713

■ 59.4695, 79.4439,
80.4153

■ 13.0110, 6.6574,
2.8698

■ 62.8241, 83.7986,
88.7925

Harmonies

Analogous

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



24.4873, 23.9338, 29.1828



24.8011, 23.9338, 26.2342



24.5511, 23.9338, 23.4478

Triad

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



24.8011, 23.9338, 26.2342



21.8170, 23.9338, 21.3445



21.7149, 23.9338, 31.2264

Complementary

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



24.8011, 23.9338, 26.2342



24.9946, 28.4940, 30.5695

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.



21.0361, 23.9338, 28.8590



24.8011, 23.9338, 26.2342



21.0938, 23.9338, 23.1680

Square

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



24.8011, 23.9338, 26.2342



22.8092, 23.9338, 20.7564



20.8121, 23.9338, 25.8863



22.6877, 23.9338, 32.1975

Rectangle

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



24.8011, 23.9338, 26.2342



24.1026, 23.9338, 22.0254



20.8121, 23.9338, 25.8863



21.4458, 23.9338, 30.5591

Sweetspot

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



24.8018, 23.9349, 26.2347



48.8713, 50.2231, 54.8435



24.8053, 23.8060, 32.1421



10.7463, 10.9978, 12.0145



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.



24.8018, 23.9349, 26.2347



42.1969, 39.7939, 43.6184



24.9558, 24.8999, 24.2610



5.8649, 5.8410, 6.3945



10.8034, 5.5264, 2.4456



0.1436, 0.0722, 0.0900

Inverse Universe

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



24.8018, 23.9349, 26.2347



42.1969, 39.7939, 43.6184



24.8072, 27.3660, 32.8291



5.8649, 5.8410, 6.3945



10.8034, 5.5264, 2.4456



0.1436, 0.0722, 0.0900

Previews

White Background



This preview shows how the XYZ color 24.8011, 23.9338, 26.2342 looks on a white background.

Color Contrast Check

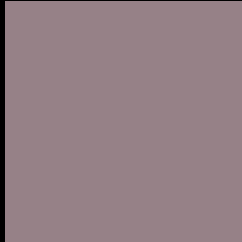
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8011, 23.9338, 26.2342 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 24.8011, 23.9338, 26.2342

Background



This preview shows how black text looks on a background with the XYZ color 24.8011, 23.9338, 26.2342.



This preview shows how white text looks on a background with the XYZ color 24.8011, 23.9338,

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

24.8011, 23.9338, 26.2342

Protanopia

23.2659, 24.1194, 27.4740

Deuteranopia

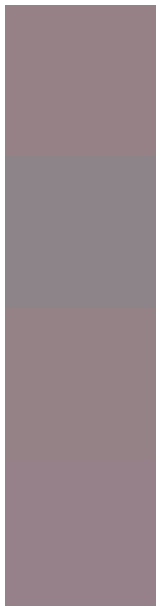
24.3884, 23.9176, 26.2528



Tritanopia

24.8843, 23.7574, 27.3188

Trichromacy



Original Color

24.8011, 23.9338, 26.2342

Protanomaly

23.7511, 23.9714, 27.0420

Deuteranomaly

24.5685, 24.0104, 26.2612

Tritanomaly

24.8122, 23.7285, 26.9392

Monochromacy



Original Color

24.8011, 23.9338, 26.2342

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8160, 24.2154, 26.7113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8011, 23.9338, 26.2342 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(150, 129, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 129, 135)  
}
```

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(150, 129, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 129, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.8011, 23.9338, 26.2342 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(150, 129, 135) }
```


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

```
.border{ border-color:rgb(150, 129, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 129, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 129, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 129, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 129,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8011, 23.9338, 26.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 129, 135) }
```

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

```
.background{ background-color: rgb(150,  
129, 135) }
```

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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