

Converting Colors

XYZ(25.8275, 24.5569, 30.9836)

Have a look what the booklet for
XYZ(25.8275, 24.5569, 30.9836)
contains.

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Color

**XYZ(25.8268, 24.5559,
30.9823)**

Conversions

Conversions Part 1

Format	Color
Hex	968293
RGB	150, 130, 147
RGB Percent	59%, 51%, 58%
CMY	0.4118, 0.4902, 0.4235
CMYK	0.00, 0.13, 0.02, 0.41
HSL	309°, 9%, 55%
HSV	309°, 13%, 59%
XYZ	25.8268, 24.5559, 30.9823
YIQ	137.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

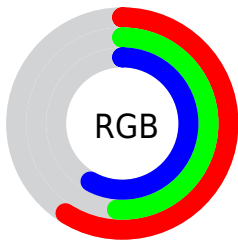
Format	Color
RYB	150, 130, 147
Decimal	9863827
CIELab	56.64, 10.75, -6.31
CIELCh	57, 12.462, 329.603
Yxy	24.5559, 0.3174, 0.3018
Android (android.graphics.Color)	4288053907 (0xFF968293)
YUV	137.9180, 4.4774, 10.5959
Hunter-Lab	49.5539, 6.3123, -2.3818

Details

The XYZ color **25.8268, 24.5559, 30.9823** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3469, 28.2527, 26.3618**, and the grayscale version is **24.1086, 25.3641, 27.6215**.

A 20% lighter version of the original color is **52.3779, 50.9214, 62.3265**, and **10.1993, 9.3820, 12.3397** is the 20% darker color. If you saturate the color by 10%, you get **23.8006, 20.7830, 29.4444**, and if you desaturate by 10%, it is **28.1488, 28.9140, 32.6365**.

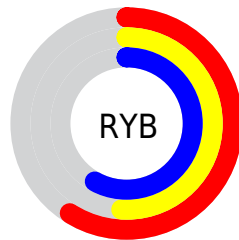
Distribution



Red (59%)

Green (51%)

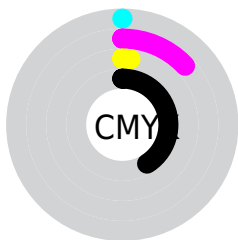
Blue (58%)



Red (59%)

Yellow (51%)

Blue (58%)

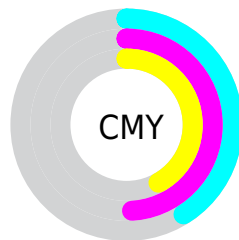


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (41%)



Cyan (41%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8268, 24.5559, 30.9823 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 25.8268, 24.5559, 30.9823 by changing the saturation by 10% instead.

■ 25.8268, 24.5559,
30.9823

■ 25.8268, 24.5559,
30.9823

274.2031,
275.6190, 320.8054

■ 16.8261, 15.7465,
20.3270

■ 52.4287, 50.9358,
62.2915

■ 10.2051, 9.3449,
12.4465

■ 70.7606, 69.2752,
83.7824

■ 5.5985, 4.9669,
6.9223

■ 92.9337, 91.5599,
109.7223

■ 2.6408, 2.2278,
3.3359

119.3132,
118.1745, 140.5298

■ 0.9668, 0.7351,
1.2686

150.2645,
149.5033, 176.6233

■ 0.0000, 0.0000,
0.0358

186.1531,

■ 0.0000, 0.0000,

185.9307, 218.4213

0.0000

227.3441,
227.8412, 266.3426

■ 25.8268, 24.5559,
30.9823

■ 25.8268, 24.5559,
30.9823

■ 23.8006, 20.7830,
29.4444

■ 28.1488, 28.9140,
32.6365

■ 22.0555, 17.5672,
28.0168

■ 30.7761, 33.8778,
34.4093

■ 20.5787, 14.8825,
26.6955

■ 33.7207, 39.4705,
36.3051

■ 19.3556, 12.6998,
25.4755

■ 36.9932, 45.7132,
38.3275

■ 18.3703, 10.9872,
24.3515

■ 40.6036, 52.6261,
40.4800

■ 17.6049, 9.7092,
23.3173

■ 44.5615, 60.2285,
42.7658

■ 17.0391, 8.8249,
22.3661

■ 48.8763, 68.5388,
45.1882

■ 16.6487, 8.2862,
21.4898

■ 53.5568, 77.5749,
47.7503

■ 16.4411, 8.0294,
20.9320

■ 55.3366, 80.8036,
49.3631

Harmonies

Analogous

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



24.7435, 24.5559, 34.2942



25.8268, 24.5559, 30.9823



26.2387, 24.5559, 26.7926

Triad

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



25.8268, 24.5559, 30.9823



23.3590, 24.5559, 19.5240



20.9995, 24.5559, 30.8767

Complementary

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



25.8268, 24.5559, 30.9823



24.3469, 28.2527, 26.3618

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.



20.6624, 24.5559, 26.6819



25.8268, 24.5559, 30.9823



21.9899, 24.5559, 20.3809

Square

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



25.8268, 24.5559, 30.9823



24.7783, 24.5559, 20.4271



21.0175, 24.5559, 22.8987



21.9578, 24.5559, 34.2289

Rectangle

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



25.8268, 24.5559, 30.9823



26.0646, 24.5559, 24.1480



21.0175, 24.5559, 22.8987



20.8116, 24.5559, 29.5052

Sweetspot

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



25.8275, 24.5570, 30.9828



49.3510, 50.4150, 57.3700



23.1616, 23.1551, 32.1033



10.8703, 11.0474, 12.6676



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.



25.8275, 24.5570, 30.9828



44.4585, 41.2440, 53.8460



25.0765, 24.2566, 27.0282



5.9983, 5.8944, 7.0972



13.6449, 6.6630, 17.4091



0.1752, 0.0848, 0.2561

Inverse Universe

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



25.8275, 24.5570, 30.9828



44.4585, 41.2440, 53.8460



25.0711, 28.5424, 30.1752



5.9983, 5.8944, 7.0972



13.6449, 6.6630, 17.4091



0.1752, 0.0848, 0.2561

Previews

White Background



This preview shows how the XYZ color 25.8268, 24.5559, 30.9823 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 25.8268, 24.5559, 30.9823 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 25.8268, 24.5559, 30.9823

Background



This preview shows how black text looks on a background with the XYZ color 25.8268, 24.5559, 30.9823.



This preview shows how white text looks on a background with the XYZ color 25.8268, 24.5559,

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

25.8268, 24.5559, 30.9823

Protanopia

24.0005, 24.5983, 32.3371

Deuteranopia

25.0193, 24.5384, 31.0215



Tritanopia

25.3184, 24.5452, 28.6026

Trichromacy



Original Color

25.8268, 24.5559, 30.9823

Protanomaly

24.6276, 24.5204, 31.8687

Deuteranomaly

25.2368, 24.4502, 30.9930

Tritanomaly

25.4687, 24.6053, 29.3936

Monochromacy



Original Color

25.8268, 24.5559, 30.9823

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6270, 25.0018, 28.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8268, 24.5559, 30.9823 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, 130, 147)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 130, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 130, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.8268, 24.5559, 30.9823 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, 130, 147) }
```


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

```
.border{ border-color:rgb(150, 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(150, 130, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 130, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 130, 147);  
box-shadow:4px 4px 4px 4px rgb(150, 130,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8268, 24.5559, 30.9823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 130, 147) }
```

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

```
.background{ background-color: rgb(150,  
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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