

Converting Colors

XYZ(25.7567, 25.6842, 32.5758)

Have a look what the booklet for
XYZ(25.7567, 25.6842, 32.5758)
contains.

XYZ(25.8108, 25.7396, 32.4620)	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(25.8108, 25.7396,
32.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	908896
RGB	144, 136, 150
RGB Percent	56%, 53%, 59%
CMY	0.4353, 0.4667, 0.4118
CMYK	0.04, 0.09, 0.00, 0.41
HSL	274°, 6%, 56%
HSV	274°, 9%, 59%
XYZ	25.8108, 25.7396, 32.4620
YIQ	139.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

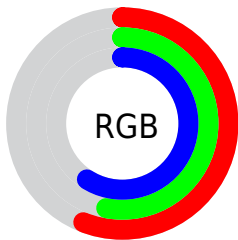
Format	Color
R _Y B	144, 136, 150
Decimal	9472150
CIE Lab	57.79, 5.73, -6.39
CIE LCh	58, 8.580, 311.897
Yxy	25.7396, 0.3072, 0.3064
Android (android.graphics.Color)	4287662230 (0xFF908896)
YUV	139.9880, 4.9359, 3.5185
Hunter-Lab	50.7342, 2.0262, -2.4224

Details

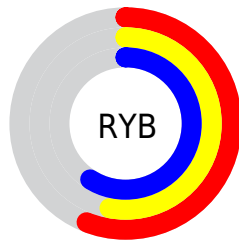
The XYZ color **25.8108, 25.7396, 32.4620** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5065, 29.3417, 27.5602**, and the grayscale version is **24.9046, 26.2016, 28.5335**.

A 20% lighter version of the original color is **52.3854, 52.7606, 64.5495**, and **10.1960, 9.9361, 13.1849** is the 20% darker color. If you saturate the color by 10%, you get **22.7534, 21.2444, 31.7559**, and if you desaturate by 10%, it is **29.2293, 30.8613, 33.2708**.

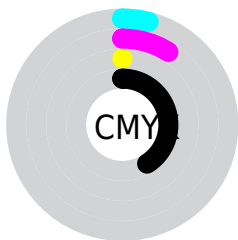
Distribution



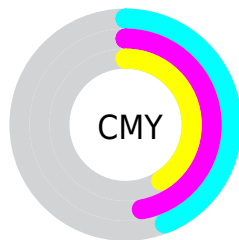
- Red (56%)
- Green (53%)
- Blue (59%)



- Red (56%)
- Yellow (53%)
- Blue (59%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8108, 25.7396, 32.4620 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 25.8108, 25.7396, 32.4620 by changing the saturation by 10% instead.

■ 25.8108, 25.7396,
32.4620

■ 25.8108, 25.7396,
32.4620

274.1258,
281.5014, 327.7758

■ 16.8141, 16.6289,
21.4469

■ 52.4030, 52.8546,
64.6410

■ 10.1965, 9.9703,
13.2566

■ 70.7293, 71.6276,
86.6419

■ 5.5927, 5.3793,
7.4727

■ 92.8961, 94.3903,
113.1418

■ 2.6373, 2.4715,
3.6765

119.2688,
121.5270, 144.5594

■ 0.9650, 0.8623,
1.4496

150.2128,
153.4220, 181.3130

■ 0.0000, 0.0000,
0.1800

186.0934,

■ 0.0000, 0.0000,

190.4599, 223.8212

0.0000

227.2759,
233.0249, 272.5027

■ 25.8108, 25.7396,
32.4620

■ 25.8108, 25.7396,
32.4620

■ 22.7534, 21.2444,
31.7559

■ 29.2293, 30.8613,
33.2708

■ 20.0417, 17.3475,
31.1466

■ 33.0192, 36.6297,
34.1845

■ 17.6622, 14.0232,
30.6304

■ 37.1932, 43.0683,
35.2072

■ 15.5997, 11.2428,
30.2024

■ 41.7625, 50.1982,
36.3426

■ 13.8377, 8.9751,
29.8576

■ 46.7381, 58.0397,
37.5940

■ 12.3581, 7.1854,
29.5901

■ 52.1303, 66.6122,
38.9644

■ 11.1404, 5.8346,
29.3936

■ 57.9492, 75.9345,
40.4571

■ 10.1610, 4.8774,
29.2604

■ 63.8833, 85.3821,
41.9679

■ 9.3665, 4.2088,
29.1732

■ 65.5854, 86.2596,
42.0476

Harmonies

Analogous

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



24.8751, 25.7396, 33.9486



25.8108, 25.7396, 32.4620



26.3952, 25.7396, 29.8251

Triad

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



25.8108, 25.7396, 32.4620



25.0851, 25.7396, 22.9747



22.5781, 25.7396, 29.2113

Complementary

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



25.8108, 25.7396, 32.4620



26.5065, 29.3417, 27.5602

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.



22.6307, 25.7396, 26.3008



25.8108, 25.7396, 32.4620



24.0588, 25.7396, 22.8358

Square

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



25.8108, 25.7396, 32.4620



25.9682, 25.7396, 24.4076



23.1663, 25.7396, 24.0138



23.0204, 25.7396, 31.9856

Rectangle

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



25.8108, 25.7396, 32.4620



26.4973, 25.7396, 27.8388



23.1663, 25.7396, 24.0138



22.5388, 25.7396, 28.2142

Sweetspot

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



25.8116, 25.7407, 32.4626



49.2588, 50.9629, 58.1618



25.3422, 26.8031, 32.6924



10.8136, 11.1398, 12.8651



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.



25.8116, 25.7407, 32.4626



44.4859, 43.8473, 57.0400



26.8127, 26.2654, 32.1187



5.7976, 5.7866, 7.2811



7.7637, 3.4749, 24.1926



0.1288, 0.0600, 0.2977

Inverse Universe

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



26.2652, 26.0464, 29.2354



45.4454, 44.4934, 50.2427



25.5712, 28.8518, 27.8642



5.8978, 5.8542, 6.5680



11.2216, 5.6937, 4.6479



0.1516, 0.0754, 0.1321

Previews

White Background



This preview shows how the XYZ color 25.8108, 25.7396, 32.4620 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 25.8108, 25.7396, 32.4620 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

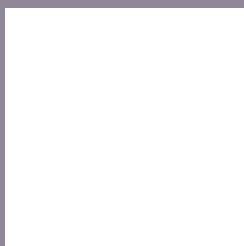
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8108, 25.7396, 32.4620

Background



This preview shows how black text looks on a background with the XYZ color 25.8108, 25.7396, 32.4620.



This preview shows how white text looks on a background with the XYZ color 25.8108, 25.7396,

32.4620.

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

25.8108, 25.7396, 32.4620

Protanopia

25.1556, 25.8146, 32.9350

Deuteranopia

26.2016, 25.7330, 32.4402



Tritanopia

25.5722, 25.6442, 31.2058

Trichromacy



Original Color

25.8108, 25.7396, 32.4620

Protanomaly

25.3468, 25.7011, 32.9031

Deuteranomaly

26.0231, 25.6409, 32.4318

Tritanomaly

25.6511, 25.6757, 31.6209

Monochromacy



Original Color

25.8108, 25.7396, 32.4620

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2512, 26.1416, 30.1005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8108, 25.7396, 32.4620 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(144, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(144, 136, 150)  
}
```

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(144, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 136, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.8108, 25.7396, 32.4620 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(144, 136, 150) }
```


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

```
.border{ border-color:rgb(144, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(144, 136,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8108, 25.7396, 32.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 136, 150) }
```

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

```
.background{ background-color: rgb(144,  
136, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor