

Converting Colors

XYZ(28.8086, 28.3563, 38.7284)

Have a look what the booklet for
XYZ(28.8086, 28.3563, 38.7284)
contains.

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Color

**XYZ(28.8615, 28.4744,
38.6253)**

Conversions

Conversions Part 1

Format	Color
Hex	968EA3
RGB	150, 142, 163
RGB Percent	59%, 56%, 64%
CMY	0.4118, 0.4431, 0.3608
CMYK	0.08, 0.13, 0.00, 0.36
HSL	263°, 10%, 60%
HSV	263°, 13%, 64%
XYZ	28.8615, 28.4744, 38.6253
YIQ	146.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

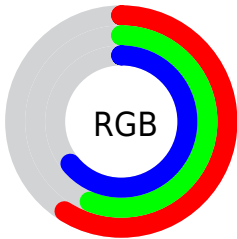
Format	Color
R_{YB}	150, 142, 163
Decimal	9866915
CIE Lab	60.31, 7.13, -10.00
CIE LCh	60, 12.281, 305.470
Yxy	28.4744, 0.3008, 0.2967
Android (android.graphics.Color)	4288056995 (0xFF968EA3)
YUV	146.7860, 7.9935, 2.8187
Hunter-Lab	53.3614, 3.1625, -5.5637

Details

The XYZ color **28.8615, 28.4744, 38.6253** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4984, 35.1168, 30.7107**, and the grayscale version is **27.6141, 29.0522, 31.6379**.

A 20% lighter version of the original color is **57.2967, 57.3792, 74.3851**, and **11.8420, 11.4546, 16.6258** is the 20% darker color. If you saturate the color by 10%, you get **24.8339, 23.0579, 37.7925**, and if you desaturate by 10%, it is **33.4055, 34.6850, 39.5850**.

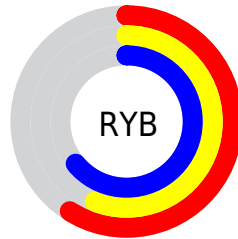
Distribution



Red (59%)

Green (56%)

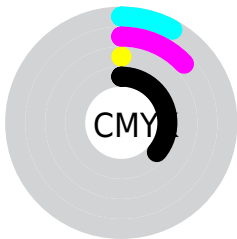
Blue (64%)



Red (59%)

Yellow (56%)

Blue (64%)

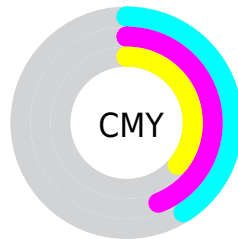


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8615, 28.4744, 38.6253 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 28.8615, 28.4744, 38.6253 by changing the saturation by 10% instead.

■ 28.8615, 28.4744,
38.6253

■ 28.8615, 28.4744,
38.6253

288.5669,
294.7269, 355.6731

■ 19.1198, 18.6836,
26.1628

■ 57.2560, 57.2410,
74.2796

■ 11.8614, 11.4419,
16.7186

■ 76.6396, 76.9855,
98.3084

■ 6.7209, 6.3649,
9.8742

■ 99.9679, 100.8167,
127.0297

■ 3.3329, 3.0682,
5.2111

127.6062,
129.1190, 160.8621

■ 1.3322, 1.1674,
2.3108

159.9199,
162.2768, 200.2241

■ 0.2071, 0.0349,
0.7372

197.2744,

■ 0.0000, 0.0000,

200.6744, 245.5343

0.0000

240.0349,
244.6963, 297.2111

■ 28.8615, 28.4744,
38.6253

■ 28.8615, 28.4744,
38.6253

■ 24.8339, 23.0579,
37.7925

■ 33.4055, 34.6850,
39.5850

■ 21.3006, 18.3993,
37.0796

■ 38.4815, 41.7170,
40.6748

■ 18.2421, 14.4647,
36.4813

■ 44.1077, 49.6007,
41.9000

■ 15.6360, 11.2162,
35.9916

■ 50.3006, 58.3636,
43.2650

■ 13.4583, 8.6123,
35.6038

■ 57.0761, 68.0324,
44.7741

■ 11.6823, 6.6071,
35.3104

■ 64.4493, 78.6322,
46.4315

■ 10.2782, 5.1479,
35.1027

■ 72.0815, 89.4807,
48.1232

■ 9.2108, 4.1728,
34.9708

■ 75.2408, 91.1094,
48.2711

■ 8.6027, 3.6712,
34.9060

■ 78.5878, 92.8349,
48.4277

Harmonies

Analogous

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



27.3541, 28.4744, 40.4737



28.8615, 28.4744, 38.6253



29.9166, 28.4744, 34.7495

Triad

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



28.8615, 28.4744, 38.6253



28.3422, 28.4744, 23.7574



24.1573, 28.4744, 31.8388

Complementary

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



28.8615, 28.4744, 38.6253



31.4984, 35.1168, 30.7107

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.



24.3989, 28.4744, 27.5374



28.8615, 28.4744, 38.6253



26.7761, 28.4744, 23.1398

Square

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



28.8615, 28.4744, 38.6253



29.6087, 28.4744, 26.2339



25.3428, 28.4744, 24.4572



24.6696, 28.4744, 36.3194

Rectangle

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



28.8615, 28.4744, 38.6253



30.1998, 28.4744, 31.6945



25.3428, 28.4744, 24.4572



24.1532, 28.4744, 30.3232

Sweetspot

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



28.8624, 28.4756, 38.6259



58.8061, 60.7150, 70.6759



29.5386, 31.9388, 39.2588



13.0694, 13.4465, 15.8441



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8624, 28.4756, 38.6259



49.8779, 48.5447, 68.7973



30.8220, 29.4858, 38.7176



6.9436, 6.9853, 8.8854



6.7332, 2.8776, 27.1303



0.1931, 0.0871, 0.5725

Inverse Universe

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



30.6947, 29.5004, 35.0884



53.7259, 50.6978, 61.3273



29.6226, 34.1497, 30.6229



7.2494, 7.1562, 8.2998



13.5839, 6.7896, 10.2653



0.3074, 0.1514, 0.3312

Previews

White Background



This preview shows how the XYZ color 28.8615, 28.4744, 38.6253 looks on a white background.

Color Contrast Check

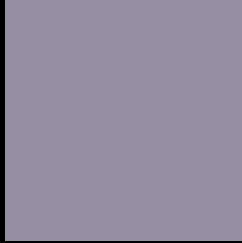
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8615, 28.4744, 38.6253 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 28.8615, 28.4744, 38.6253

Background



This preview shows how black text looks on a background with the XYZ color 28.8615, 28.4744, 38.6253.



This preview shows how white text looks on a background with the XYZ color 28.8615, 28.4744,

38.6253.

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

28.8615, 28.4744, 38.6253

Protanopia

27.8294, 28.3776, 39.1326

Deuteranopia

29.0464, 28.5697, 38.6339



Tritanopia

28.1333, 28.4010, 35.0095

Trichromacy



Original Color

28.8615, 28.4744, 38.6253

Protanomaly

28.2004, 28.3450, 39.1068

Deuteranomaly

29.0464, 28.5697, 38.6339

Tritanomaly

28.3884, 28.5031, 36.3532

Monochromacy



Original Color

28.8615, 28.4744, 38.6253

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0879, 28.8466, 34.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8615, 28.4744, 38.6253 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, 142, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 142, 163)  
}
```

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, 142, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 142, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.8615, 28.4744, 38.6253 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, 142, 163) }
```


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

```
.border{ border-color:rgb(150, 142, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 142, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 142, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 142, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 142,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8615, 28.4744, 38.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 142, 163) }
```

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

```
.background{ background-color: rgb(150,  
142, 163) }
```

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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