

Converting Colors

XYZ(28.6608, 30.6053, 38.4099)

Have a look what the booklet for
XYZ(28.6608, 30.6053, 38.4099)
contains.

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Color

**XYZ(28.7343, 30.7278,
38.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	8D98A2
RGB	141, 152, 162
RGB Percent	55%, 60%, 64%
CMY	0.4471, 0.4039, 0.3647
CMYK	0.13, 0.06, 0.00, 0.36
HSL	209°, 10%, 59%
HSV	209°, 13%, 64%
XYZ	28.7343, 30.7278, 38.5990
YIQ	149.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

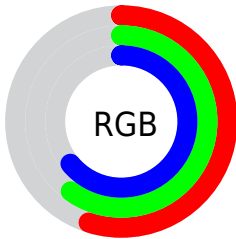
Format	Color
R_YB	141, 148, 162
Decimal	9279650
CIE Lab	62.28, -1.83, -6.59
CIE LCh	62, 6.835, 254.508
Yxy	30.7278, 0.2930, 0.3134
Android (android.graphics.Color)	4287469730 (0xFF8D98A2)
YUV	149.8510, 5.9895, -7.7623
Hunter-Lab	55.4327, -4.4792, -2.4821

Details

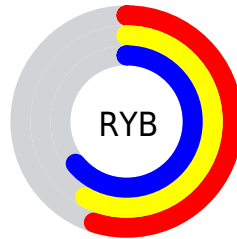
The XYZ color **28.7343, 30.7278, 38.5990** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7748, 31.7375, 29.7038**, and the grayscale version is **28.9054, 30.4107, 33.1172**.

A 20% lighter version of the original color is **57.1014, 60.7545, 74.3629**, and **11.7825, 12.6573, 16.5739** is the 20% darker color. If you saturate the color by 10%, you get **24.9675, 26.9884, 38.0762**, and if you desaturate by 10%, it is **32.9873, 34.8403, 39.1691**.

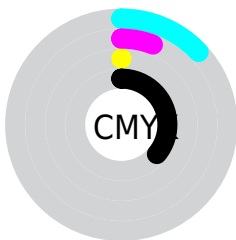
Distribution



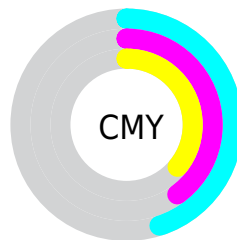
- Red (55%)
- Green (60%)
- Blue (64%)



- Red (55%)
- Yellow (58%)
- Blue (64%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7343, 30.7278, 38.5990 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 28.7343, 30.7278, 38.5990 by changing the saturation by 10% instead.

■ 28.7343, 30.7278,
38.5990

■ 28.7343, 30.7278,
38.5990

287.9761,
305.2823, 355.5575

■ 19.0232, 20.3917,
26.1425

■ 57.0552, 60.8113,
74.2389

■ 11.7911, 12.6801,
16.7035

■ 76.3956, 81.3274,
98.2594

■ 6.6728, 7.2086,
9.8636

■ 99.6766, 106.0056,
126.9716

■ 3.3028, 3.5929,
5.2042

127.2634,
135.2304, 160.7941

■ 1.3159, 1.4486,
2.3067

159.5214,
169.3860, 200.1454

■ 0.1950, 0.2521,
0.7350

196.8159,

■ 0.0000, 0.0000,

208.8570, 245.4440

0.0000

239.5124,
254.0276, 297.1085

■ 28.7343, 30.7278,
38.5990

■ 28.7343, 30.7278,
38.5990

■ 24.9675, 26.9884,
38.0762

■ 32.9873, 34.8403,
39.1691

■ 21.6652, 23.6062,
37.5975

■ 37.7416, 39.3335,
39.7858

■ 18.8080, 20.5698,
37.1620

■ 43.0150, 44.2196,
40.4510

■ 16.3741, 17.8653,
36.7682

■ 48.8237, 49.5089,
41.1658

■ 14.3396, 15.4781,
36.4147

■ 55.1829, 55.2114,
41.9313

■ 12.6778, 13.3917,
36.0996

■ 62.1074, 61.3368,
42.7487

■ 11.3588, 11.5881,
35.8209

■ 69.6114, 67.8942,
43.6189

■ 10.3468, 10.0460,
35.5766

■ 71.7335, 71.8124,
44.2633

■ 9.7603, 9.0859,
35.4222

■ 73.7284, 75.8022,
44.9283

Harmonies

Analogous

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



27.9582, 30.7278, 37.1488



28.7343, 30.7278, 38.5990



29.6528, 30.7278, 38.6239

Triad

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



28.7343, 30.7278, 38.5990



30.9581, 30.7278, 32.2000



27.9792, 30.7278, 29.9615

Complementary

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



28.7343, 30.7278, 38.5990



30.7748, 31.7375, 29.7038

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.



28.7635, 30.7278, 28.7734



28.7343, 30.7278, 38.5990



30.4901, 30.7278, 30.0189

Square

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



28.7343, 30.7278, 38.5990



30.9499, 30.7278, 34.8336



29.6825, 30.7278, 28.7939



27.5285, 30.7278, 32.1178

Rectangle

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



28.7343, 30.7278, 38.5990



30.2230, 30.7278, 37.8236



29.6825, 30.7278, 28.7939



28.2118, 30.7278, 29.4408

Sweetspot

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



28.7352, 30.7291, 38.5997



58.9815, 62.3846, 70.9889



29.4750, 33.7318, 34.1510



13.1157, 13.8854, 15.9264



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.



28.7352, 30.7291, 38.5997



49.7842, 53.4427, 69.7477



27.1350, 27.5288, 38.0663



6.9931, 7.4452, 8.9716



7.7327, 7.2448, 27.9206



0.2095, 0.2462, 0.6023

Inverse Universe

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



30.0934, 28.9988, 33.7184



52.8386, 49.6648, 58.7446



32.5059, 35.1997, 30.2808



7.2215, 7.1451, 8.1528



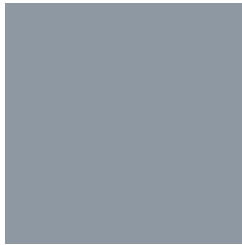
13.0486, 6.5755, 7.4465



0.2979, 0.1477, 0.2813

Previews

White Background



This preview shows how the XYZ color 28.7343, 30.7278, 38.5990 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.7343, 30.7278, 38.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

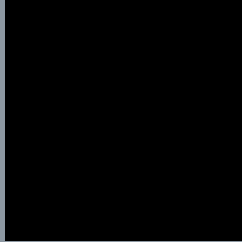
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

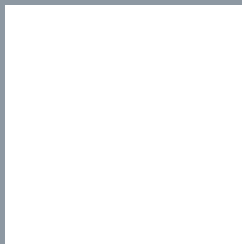
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7343, 30.7278, 38.5990

Background



This preview shows how black text looks on a background with the XYZ color 28.7343, 30.7278, 38.5990.



This preview shows how white text looks on a background with the XYZ color 28.7343, 30.7278,

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

28.7343, 30.7278, 38.5990

Protanopia

29.6703, 30.5170, 37.5843

Deuteranopia

31.1878, 30.5730, 38.9077



Tritanopia

28.9136, 30.7995, 39.5430

Trichromacy



Original Color

28.7343, 30.7278, 38.5990

Protanomaly

29.3720, 30.5889, 38.0744

Deuteranomaly

30.1497, 30.4996, 38.9483

Tritanomaly

28.8236, 30.7635, 39.0691

Monochromacy



Original Color

28.7343, 30.7278, 38.5990

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.9320, 30.6694, 34.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7343, 30.7278, 38.5990 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(141, 152, 162) looks like.

```
.text, #text, p{  
    color:rgb(141, 152, 162)  
}
```

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(141, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 152, 162) }
```

Border

The CSS property to change the border of an element to XYZ 28.7343, 30.7278, 38.5990 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(141, 152, 162) }
```


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

```
.border{ border-color:rgb(141, 152, 162) }
```

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

Here you see how a box with a 4 pixel rgb(141, 152, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(141, 152,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7343, 30.7278, 38.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 152, 162) }
```

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

```
.background{ background-color: rgb(141,  
152, 162) }
```

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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