

Converting Colors

XYZ(29.2888, 30.1851, 38.3159)

Have a look what the booklet for
XYZ(29.2888, 30.1851, 38.3159)
contains.

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Color

**XYZ(29.3242, 30.0843,
38.4437)**

Conversions

Conversions Part 1

Format	Color
Hex	9494A2
RGB	148, 148, 162
RGB Percent	58%, 58%, 64%
CMY	0.4196, 0.4196, 0.3647
CMYK	0.09, 0.09, 0.00, 0.36
HSL	240°, 7%, 61%
HSV	240°, 9%, 64%
XYZ	29.3242, 30.0843, 38.4437
YIQ	149.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

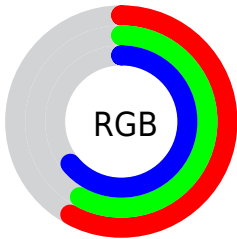
Format	Color
R_{YB}	148, 148, 162
Decimal	9737378
CIE Lab	61.73, 2.83, -7.35
CIE LCh	62, 7.871, 291.050
Yxy	30.0843, 0.2997, 0.3074
Android (android.graphics.Color)	4287927458 (0xFF9494A2)
YUV	149.5960, 6.1152, -1.3997
Hunter-Lab	54.8492, -0.5539, -3.1619

Details

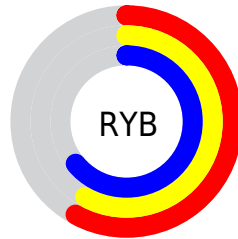
The XYZ color **29.3242, 30.0843, 38.4437** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1660, 35.6599, 33.1525**, and the grayscale version is **28.7954, 30.2950, 32.9912**.

A 20% lighter version of the original color is **58.0020, 59.8074, 74.1326**, and **12.0189, 12.2166, 16.4764** is the 20% darker color. If you saturate the color by 10%, you get **24.2313, 23.9481, 37.5282**, and if you desaturate by 10%, it is **35.1846, 37.1456, 39.4983**.

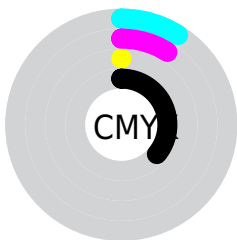
Distribution



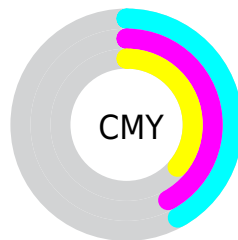
- Red (58%)
- Green (58%)
- Blue (64%)



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



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3242, 30.0843, 38.4437 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 29.3242, 30.0843, 38.4437 by changing the saturation by 10% instead.

■ 29.3242, 30.0843,
38.4437

■ 29.3242, 30.0843,
38.4437

290.7082,
302.2972, 354.8746

■ 19.4717, 19.9026,
26.0227

■ 57.9858, 59.7955,
73.9987

■ 12.1177, 12.3243,
16.6147

■ 77.5256, 80.0937,
97.9697

■ 6.8966, 6.9649,
9.8011

101.0252,
104.5329, 126.6279

■ 3.4433, 3.4402,
5.1634

128.8501,
133.4975, 160.3918

■ 1.3923, 1.3656,
2.2831

161.3654,
167.3718, 199.6798

■ 0.2507, 0.1912,
0.7217

198.9367,

■ 0.0000, 0.0000,

206.5403, 244.9106

0.0000

241.9292,
251.3873, 296.5027

■ 29.3242, 30.0843,
38.4437

■ 29.3242, 30.0843,
38.4437

■ 24.2313, 23.9481,
37.5282

■ 35.1846, 37.1456,
39.4983

■ 19.8715, 18.6950,
36.7440

■ 41.8395, 45.1639,
40.6952

■ 16.2120, 14.2856,
36.0858

■ 49.3181, 54.1747,
42.0403

■ 13.2163, 10.6760,
35.5470

■ 57.6472, 64.2100,
43.5383

■ 10.8445, 7.8181,
35.1203

■ 66.8523, 75.3009,
45.1939

■ 9.0528, 5.6591,
34.7980

■ 76.9580, 87.4768,
47.0115

■ 7.7912, 4.1389,
34.5711

■ 83.5217, 95.3887,
48.1927

■ 7.0019, 3.1876,
34.4291

■ 6.5734, 2.6712,
34.3520

Harmonies

Analogous

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



28.2819, 30.0843, 38.7951



29.3242, 30.0843, 38.4437



30.1903, 30.0843, 36.5205

Triad

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



29.3242, 30.0843, 38.4437



29.8799, 30.0843, 28.4701



26.6493, 30.0843, 31.8670

Complementary

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



29.3242, 30.0843, 38.4437



33.1660, 35.6599, 33.1525

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.



27.0554, 30.0843, 29.2608



29.3242, 30.0843, 38.4437



28.9089, 30.0843, 27.3798

Square

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



29.3242, 30.0843, 38.4437



30.5165, 30.0843, 30.7271



27.8765, 30.0843, 27.6602



26.7544, 30.0843, 34.8738

Rectangle

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



29.3242, 30.0843, 38.4437



30.5429, 30.0843, 34.6669



27.8765, 30.0843, 27.6602



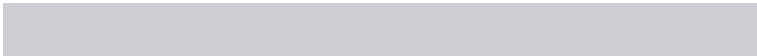
26.7302, 30.0843, 30.9180

Sweetspot

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



29.3251, 30.0856, 38.4444



59.0029, 61.5648, 70.8295



31.6344, 34.7374, 39.1119



13.0636, 13.6004, 15.8741



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.



29.3251, 30.0856, 38.4444



51.7155, 52.7843, 69.5188



30.5848, 30.7345, 38.5032



6.7006, 6.8601, 8.8740



5.1381, 2.0556, 27.0557



0.1080, 0.0432, 0.5685

Inverse Universe

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



30.8362, 30.9999, 32.3767



54.9170, 54.7215, 56.6633



31.8285, 34.9709, 33.0900



7.0738, 7.0860, 7.3752



11.7390, 6.0516, 0.5500



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 29.3242, 30.0843, 38.4437 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 29.3242, 30.0843, 38.4437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

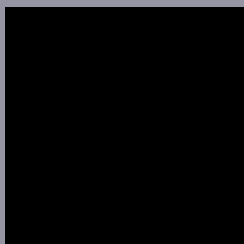
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

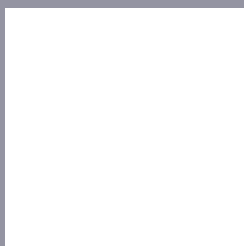
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3242, 30.0843, 38.4437

Background



This preview shows how black text looks on a background with the XYZ color 29.3242, 30.0843, 38.4437.

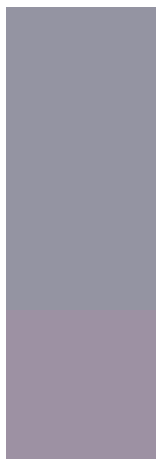


This preview shows how white text looks on a background with the XYZ color 29.3242, 30.0843,

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

29.3242, 30.0843, 38.4437

Protanopia

29.3242, 30.0843, 38.4437

Deuteranopia

30.6409, 30.0632, 38.8382



Tritanopia

29.1478, 30.0138, 37.5147

Trichromacy



Original Color

29.3242, 30.0843, 38.4437

Protanomaly

29.3242, 30.0843, 38.4437

Deuteranomaly

30.2162, 30.0721, 38.8623

Tritanomaly

29.2357, 30.0489, 37.9773

Monochromacy



Original Color

29.3242, 30.0843, 38.4437

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.9746, 30.2175, 34.8773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3242, 30.0843, 38.4437 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(148, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 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(148, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.3242, 30.0843, 38.4437 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(148, 148, 162) }
```


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

```
.border{ border-color:rgb(148, 148, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3242, 30.0843, 38.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 162) }
```

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

```
.background{ background-color: rgb(148,  
148, 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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