

Converting Colors

XYZ(30.3542, 33.1846, 38.9271)

Have a look what the booklet for
XYZ(30.3542, 33.1846, 38.9271)
contains.

XYZ(30.4213, 33.3342, 39.0132)	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(30.4213, 33.3342,
39.0132)**

Conversions

Conversions Part 1

Format	Color
Hex	909FA2
RGB	144, 159, 162
RGB Percent	56%, 62%, 64%
CMY	0.4353, 0.3765, 0.3647
CMYK	0.11, 0.02, 0.00, 0.36
HSL	190°, 9%, 60%
HSV	190°, 11%, 64%
XYZ	30.4213, 33.3342, 39.0132
YIQ	154.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

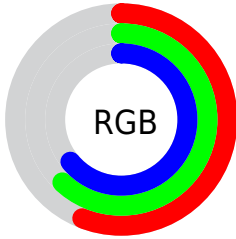
Format	Color
RYB	144, 152, 162
Decimal	9478050
CIELab	64.43, -4.66, -3.38
CIElCh	64, 5.760, 215.913
Yxy	33.3342, 0.2960, 0.3244
Android (android.graphics.Color)	4287668130 (0xFF909FA2)
YUV	154.8570, 3.5215, -9.5216
Hunter-Lab	57.7358, -6.9850, 0.3516

Details

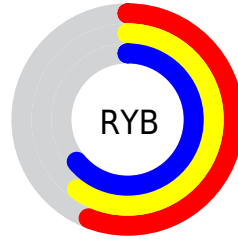
The XYZ color **30.4213, 33.3342, 39.0132** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3682, 30.5622, 30.6846**, and the grayscale version is **31.0813, 32.7000, 35.6103**.

A 20% lighter version of the original color is **59.8597, 65.1087, 75.0579**, and **12.6912, 14.1781, 16.8196** is the 20% darker color. If you saturate the color by 10%, you get **27.3337, 31.0622, 38.7379**, and if you desaturate by 10%, it is **33.9270, 35.8386, 39.3124**.

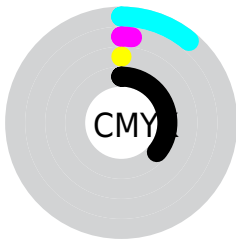
Distribution



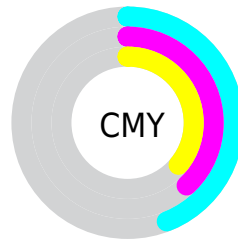
- Red (56%)
- Green (62%)
- Blue (64%)



- Red (56%)
- Yellow (60%)
- Blue (64%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4213, 33.3342, 39.0132 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 30.4213, 33.3342, 39.0132 by changing the saturation by 10% instead.

■ 30.4213, 33.3342,
39.0132

■ 30.4213, 33.3342,
39.0132

295.7380,
317.1530, 357.3742

■ 20.3082, 22.3826,
26.4621

■ 59.7099, 64.8969,
74.8790

■ 12.7289, 14.1383,
16.9408

■ 79.6161, 86.2769,
99.0309

■ 7.3178, 8.2169,
10.0308

103.5174,
111.9017, 127.8867

■ 3.7097, 4.2341,
5.3135

131.7792,
142.1558, 161.8650

■ 1.5393, 1.8053,
2.3704

164.7668,
177.4236, 201.3843

■ 0.3523, 0.4905,
0.7703

202.8456,

■ 0.0000, 0.0000,

218.0894, 246.8633

0.0000

246.3809,
264.5378, 298.7204

■ 30.4213, 33.3342,
39.0132

■ 30.4213, 33.3342,
39.0132

■ 27.3337, 31.0622,
38.7379

■ 33.9270, 35.8386,
39.3124

■ 24.6441, 29.0093,
38.4834

■ 37.8641, 38.5797,
39.6339

■ 22.3349, 27.1674,
38.2496

■ 42.2491, 41.5668,
39.9794

■ 20.3861, 25.5261,
38.0355

■ 47.0964, 44.8077,
40.3494

■ 18.7758, 24.0739,
37.8401

■ 52.4201, 48.3095,
40.7448

■ 17.4798, 22.7982,
37.6622

■ 58.2334, 52.0792,
41.1660

■ 16.4703, 21.6848,
37.5005

■ 63.6599, 55.6650,
41.5721

■ 15.7147, 20.7166,
37.3534

■ 64.2015, 56.7484,
41.7527

■ 15.1889, 19.9430,
37.2318

■ 64.7538, 57.8529,
41.9368

Harmonies

Analogous

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



30.1382, 33.3342, 36.7632



30.4213, 33.3342, 39.0132



31.0430, 33.3342, 40.5826

Triad

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



30.4213, 33.3342, 39.0132



33.1468, 33.3342, 38.1726



31.5208, 33.3342, 31.9800

Complementary

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



30.4213, 33.3342, 39.0132



30.3682, 30.5622, 30.6846

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.



32.3320, 33.3342, 32.3210



30.4213, 33.3342, 39.0132



33.2800, 33.3342, 35.8314

Square

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



30.4213, 33.3342, 39.0132



32.6185, 33.3342, 40.0828



32.9794, 33.3342, 33.7066



30.7659, 33.3342, 32.7542

Rectangle

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



30.4213, 33.3342, 39.0132



31.5707, 33.3342, 40.9959



32.9794, 33.3342, 33.7066



31.7958, 33.3342, 31.9685

Sweetspot

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



30.4223, 33.3356, 39.0139



60.2925, 64.1441, 71.2594



29.6654, 33.8677, 32.4546



13.4255, 14.3243, 15.9948



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.



30.4223, 33.3356, 39.0139



53.9685, 59.6015, 70.7159



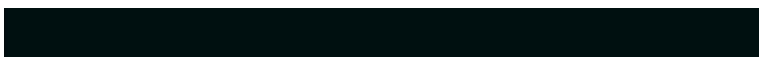
28.9780, 30.4470, 38.5325



7.1753, 7.8095, 9.0323



11.9929, 15.7651, 29.3407



0.2771, 0.3814, 0.6249

Inverse Universe

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



31.1323, 30.1317, 36.9777



55.4900, 52.7907, 66.3401



31.7730, 33.3719, 31.1529



7.3134, 7.1818, 8.6370



15.1989, 7.4356, 18.7699



0.3320, 0.1613, 0.4610

Previews

White Background



This preview shows how the XYZ color 30.4213, 33.3342, 39.0132 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 30.4213, 33.3342, 39.0132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

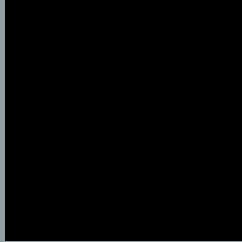
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

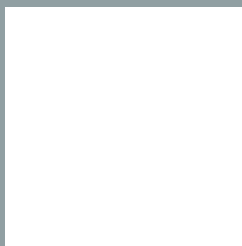
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4213, 33.3342, 39.0132

Background



This preview shows how black text looks on a background with the XYZ color 30.4213, 33.3342, 39.0132.



This preview shows how white text looks on a background with the XYZ color 30.4213, 33.3342,

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

30.4213, 33.3342, 39.0132

Protanopia

32.1671, 33.2499, 37.9802

Deuteranopia

33.9159, 33.1384, 39.7307



Tritanopia

31.1596, 33.3757, 42.8301

Trichromacy



Original Color

30.4213, 33.3342, 39.0132

Protanomaly

31.4584, 33.1224, 38.4535

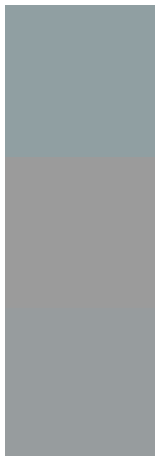
Deuteranomaly

32.4645, 33.1265, 39.3333

Tritanomaly

30.8790, 33.2635, 41.3522

Monochromacy



Original Color

30.4213, 33.3342, 39.0132

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8225, 32.8249, 37.0591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4213, 33.3342, 39.0132 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, 159, 162)` looks like.

```
.text, #text, p{  
    color:rgb(144, 159, 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(144, 159, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 159, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.4213, 33.3342, 39.0132 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, 159, 162) }
```


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

```
.border{ border-color:rgb(144, 159, 162) }
```

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

Here you see how a box with a 4 pixel rgb(144, 159, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 159, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 159, 162);  
box-shadow:4px 4px 4px 4px rgb(144, 159,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4213, 33.3342, 39.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 159, 162) }
```

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

```
.background{ background-color: rgb(144,  
159, 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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