

Converting Colors

XYZ(30.2168, 32.4398, 41.1431)

Have a look what the booklet for
XYZ(30.2168, 32.4398, 41.1431)
contains.

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Color

**XYZ(30.1912, 32.4066,
41.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9CA7
RGB	143, 156, 167
RGB Percent	56%, 61%, 65%
CMY	0.4392, 0.3882, 0.3451
CMYK	0.14, 0.07, 0.00, 0.35
HSL	207°, 12%, 61%
HSV	207°, 14%, 65%
XYZ	30.1912, 32.4066, 41.2231
YIQ	153.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

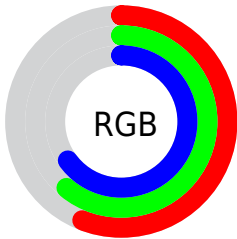
Format	Color
RYB	143, 151, 167
Decimal	9411751
CIELab	63.68, -2.28, -7.31
CIELCh	64, 7.658, 252.653
Yxy	32.4066, 0.2908, 0.3121
Android (android.graphics.Color)	4287601831 (0xFF8F9CA7)
YUV	153.3670, 6.7211, -9.0919
Hunter-Lab	56.9268, -4.9542, -3.0856

Details

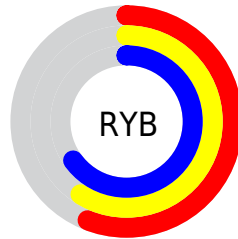
The XYZ color **30.1912, 32.4066, 41.2231** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4501, 33.3097, 30.7063**, and the grayscale version is **30.4141, 31.9980, 34.8458**.

A 20% lighter version of the original color is **59.2574, 63.2374, 78.1901**, and **12.5597, 13.6163, 18.1859** is the 20% darker color. If you saturate the color by 10%, you get **26.2689, 28.5387, 40.6838**, and if you desaturate by 10%, it is **34.6268, 36.6609, 41.8110**.

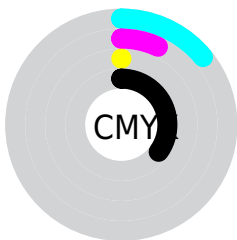
Distribution



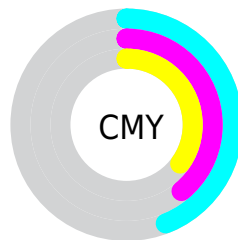
- Red (56%)
- Green (61%)
- Blue (65%)



- Red (56%)
- Yellow (59%)
- Blue (65%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1912, 32.4066, 41.2231 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 30.1912, 32.4066, 41.2231 by changing the saturation by 10% instead.

■ 30.1912, 32.4066,
41.2231

■ 30.1912, 32.4066,
41.2231

294.6885,
312.9673, 366.9564

■ 20.1326, 21.6723,
28.1724

■ 59.3490, 63.4480,
78.2798

■ 12.6003, 13.6163,
18.2155

■ 79.1788, 84.5238,
103.1229

■ 7.2290, 7.8543,
10.9338

102.9964,
109.8155, 132.7339

■ 3.6533, 4.0018,
5.9087

131.1672,
139.7076, 167.5314

■ 1.5079, 1.6746,
2.7218

164.0564,
174.5845, 207.9338

■ 0.3312, 0.4071,
0.9544

202.0294,

■ 0.0000, 0.0000,

214.8304, 254.3598

0.0000

245.4517,
260.8299, 307.2278

■ 30.1912, 32.4066,
41.2231

■ 30.1912, 32.4066,
41.2231

■ 26.2689, 28.5387,
40.6838

■ 34.6268, 36.6609,
41.8110

■ 22.8365, 25.0404,
40.1894

■ 39.5919, 41.3097,
42.4466

■ 19.8731, 21.8996,
39.7394

■ 45.1058, 46.3657,
43.1319

■ 17.3551, 19.1017,
39.3321

■ 51.1857, 51.8398,
43.8681

■ 15.2565, 16.6310,
38.9658

■ 57.8481, 57.7425,
44.6563

■ 13.5485, 14.4701,
38.6387

■ 65.1087, 64.0840,
45.4976

■ 12.1980, 12.5995,
38.3488

■ 71.1562, 69.9322,
46.3077

■ 11.1654, 10.9960,
38.0937

■ 73.0860, 73.7917,
46.9509

■ 10.6715, 10.1827,
37.9628

■ 75.1072, 77.8342,
47.6247

Harmonies

Analogous

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



29.3108, 32.4066, 39.4366



30.1912, 32.4066, 41.2231



31.2550, 32.4066, 41.3620

Triad

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



30.1912, 32.4066, 41.2231



32.8561, 32.4066, 34.0084



29.4264, 32.4066, 31.1206

Complementary

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



30.1912, 32.4066, 41.2231



32.4501, 33.3097, 30.7063

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.



30.3524, 32.4066, 29.8349



30.1912, 32.4066, 41.2231



32.3420, 32.4066, 31.4360

Square

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



30.1912, 32.4066, 41.2231



32.8105, 32.4066, 37.0742



31.4200, 32.4066, 29.9469



28.8763, 32.4066, 33.5548

Rectangle

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



30.1912, 32.4066, 41.2231



31.9267, 32.4066, 40.4907



31.4200, 32.4066, 29.9469



29.7031, 32.4066, 30.5463

Sweetspot

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



30.1922, 32.4079, 41.2238



62.2650, 65.8947, 74.9125



30.9631, 35.8041, 35.7641



13.7959, 14.6154, 16.7461



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.1922, 32.4079, 41.2238



51.9146, 55.9344, 73.5355



28.3069, 28.6374, 40.5954



7.4558, 7.9486, 9.5596



8.2153, 7.8908, 29.0656



0.2501, 0.2925, 0.7239

Inverse Universe

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



31.7603, 30.2614, 35.6211



55.2521, 51.4804, 61.5855



34.4947, 37.3990, 31.3878



7.6947, 7.6077, 8.7094



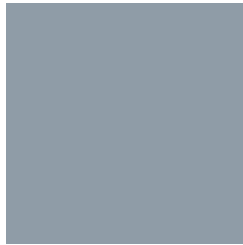
13.6473, 6.8676, 8.2202



0.3574, 0.1772, 0.3336

Previews

White Background



This preview shows how the XYZ color 30.1912, 32.4066, 41.2231 looks on a white background.

Color Contrast Check

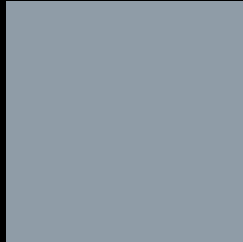
Large Text (above 18pt) WCAG AA × Fail

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 30.1912, 32.4066, 41.2231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

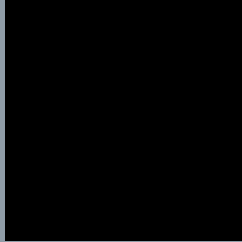
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

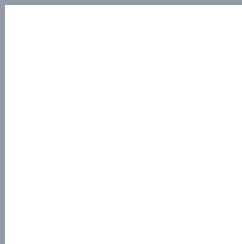
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1912, 32.4066, 41.2231

Background



This preview shows how black text looks on a background with the XYZ color 30.1912, 32.4066, 41.2231.

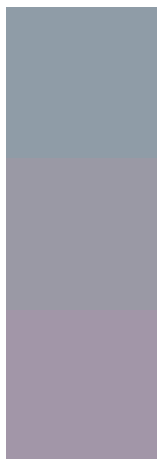


This preview shows how white text looks on a background with the XYZ color 30.1912, 32.4066,

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

30.1912, 32.4066, 41.2231

Protanopia

31.5092, 32.3691, 40.1845

Deuteranopia

32.8745, 32.3212, 41.5517



Tritanopia

30.2840, 32.4437, 41.7119

Trichromacy



Original Color

30.1912, 32.4066, 41.2231

Protanomaly

31.0162, 32.3484, 40.6855

Deuteranomaly

31.8137, 32.2522, 41.5943

Tritanomaly

30.2840, 32.4437, 41.7119

Monochromacy



Original Color

30.1912, 32.4066, 41.2231

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1216, 31.9694, 36.9309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1912, 32.4066, 41.2231 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(143, 156, 167) looks like.

```
.text, #text, p{  
    color:rgb(143, 156, 167)  
}
```

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(143, 156, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 156, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.1912, 32.4066, 41.2231 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(143, 156, 167) }
```


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

```
.border{ border-color:rgb(143, 156, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 156, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 156, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 156, 167);  
box-shadow:4px 4px 4px 4px rgb(143, 156,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1912, 32.4066, 41.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 156, 167) }
```

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

```
.background{ background-color: rgb(143,  
156, 167) }
```

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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