

Converting Colors

XYZ(29.9965, 31.3535, 40.9219)

Have a look what the booklet for
XYZ(29.9965, 31.3535, 40.9219)
contains.

XYZ(30.0573, 31.3575, 41.0276)	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(30.0573, 31.3575,
41.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	9298A7
RGB	146, 152, 167
RGB Percent	57%, 60%, 65%
CMY	0.4274, 0.4039, 0.3451
CMYK	0.13, 0.09, 0.00, 0.35
HSL	223°, 11%, 61%
HSV	223°, 13%, 65%
XYZ	30.0573, 31.3575, 41.0276
YIQ	151.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

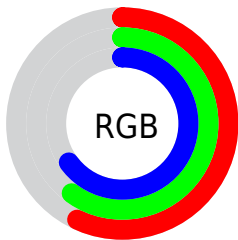
Format	Color
RYB	146, 151, 167
Decimal	9607335
CIELab	62.81, 0.96, -8.58
CIElCh	63, 8.633, 276.373
Yxy	31.3575, 0.2934, 0.3061
Android (android.graphics.Color)	4287797415 (0xFF9298A7)
YUV	151.9160, 7.4364, -5.1883
Hunter-Lab	55.9978, -2.1846, -4.2413

Details

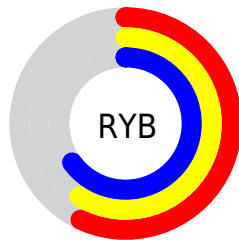
The XYZ color **30.0573, 31.3575, 41.0276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8695, 35.7802, 32.3157**, and the grayscale version is **29.7811, 31.3320, 34.1206**.

A 20% lighter version of the original color is **59.0755, 61.6959, 77.9021**, and **12.4675, 12.9781, 18.0676** is the 20% darker color. If you saturate the color by 10%, you get **25.4635, 26.2595, 40.2862**, and if you desaturate by 10%, it is **35.2813, 37.0710, 41.8556**.

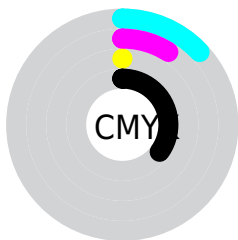
Distribution



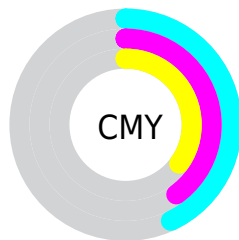
- Red (57%)
- Green (60%)
- Blue (65%)



- Red (57%)
- Yellow (59%)
- Blue (65%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0573, 31.3575, 41.0276 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 30.0573, 31.3575, 41.0276 by changing the saturation by 10% instead.

■ 30.0573, 31.3575,
41.0276

■ 30.0573, 31.3575,
41.0276

294.0765,
308.1819, 366.1160

■ 20.0304, 20.8712,
28.0208

■ 59.1388, 61.8025,
77.9799

■ 12.5255, 13.0299,
18.1022

■ 78.9241, 82.5300,
102.7625

■ 7.1774, 7.4491,
10.8532

102.6928,
107.4400, 132.3074

■ 3.6206, 3.7445,
5.8552

130.8104,
136.9170, 167.0332

■ 1.4898, 1.5317,
2.6899

163.6423,
171.3452, 207.3584

■ 0.3189, 0.3109,
0.9383

201.5536,

■ 0.0000, 0.0000,

211.1092, 253.7016

0.0000

244.9099,
256.5933, 306.4813

■ 30.0573, 31.3575,
41.0276

■ 30.0573, 31.3575,
41.0276

■ 25.4635, 26.2595,
40.2862

■ 35.2813, 37.0710,
41.8556

■ 21.4728, 21.7520,
39.6265

■ 41.1557, 43.4162,
42.7707

■ 18.0598, 17.8139,
39.0463

■ 47.7035, 50.4134,
43.7762

■ 15.1966, 14.4215,
38.5424

■ 54.9454, 58.0809,
44.8745

■ 12.8526, 11.5491,
38.1115

■ 62.9013, 66.4362,
46.0679

■ 10.9942, 9.1688,
37.7500

■ 71.5904, 75.4962,
47.3587

■ 9.5832, 7.2498,
37.4539

■ 78.0639, 83.7476,
48.6102

■ 8.5754, 5.7571,
37.2189

■ 81.6034, 90.8266,
49.7900

■ 8.0213, 4.8823,
37.0793

■ 83.9751, 95.5701,
50.5806

Harmonies

Analogous

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



28.9029, 31.3575, 40.4591



30.0573, 31.3575, 41.0276



31.1724, 31.3575, 39.6556

Triad

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



30.0573, 31.3575, 41.0276



31.6717, 31.3575, 30.4272



27.7706, 31.3575, 31.6006

Complementary

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



30.0573, 31.3575, 41.0276



33.8695, 35.7802, 32.3157

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.



28.4770, 31.3575, 29.1665



30.0573, 31.3575, 41.0276



30.7244, 31.3575, 28.5210

Square

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



30.0573, 31.3575, 41.0276



32.1202, 31.3575, 33.4257



29.5528, 31.3575, 28.0751



27.6026, 31.3575, 34.8704

Rectangle

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



30.0573, 31.3575, 41.0276



31.7368, 31.3575, 37.8752



29.5528, 31.3575, 28.0751



27.9520, 31.3575, 30.6643

Sweetspot

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



30.0582, 31.3588, 41.0283



61.7115, 64.7876, 74.7280



32.0798, 36.3116, 38.8982



13.6506, 14.3247, 16.6976



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.



30.0582, 31.3588, 41.0283



51.5035, 53.5915, 73.1049



29.8689, 29.8513, 40.7473



7.3000, 7.6369, 9.5077



6.1751, 3.8105, 28.3855



0.1932, 0.1785, 0.7049

Inverse Universe

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



31.8834, 31.0408, 34.0184



55.4158, 52.9672, 58.0660



34.0708, 37.4787, 32.6330



7.6160, 7.5763, 8.2951



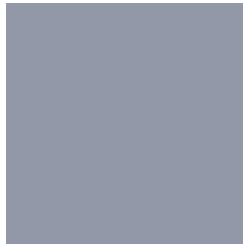
12.6175, 6.4557, 2.7975



0.3286, 0.1657, 0.1821

Previews

White Background



This preview shows how the XYZ color 30.0573, 31.3575, 41.0276 looks on a white background.

Color Contrast Check

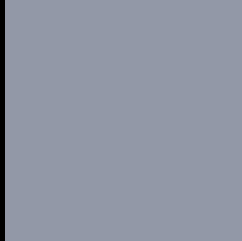
Large Text (above 18pt) WCAG AA × Fail

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 30.0573, 31.3575, 41.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

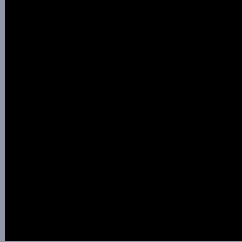
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0573, 31.3575, 41.0276

Background



This preview shows how black text looks on a background with the XYZ color 30.0573, 31.3575, 41.0276.



This preview shows how white text looks on a background with the XYZ color 30.0573, 31.3575,

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

30.0573, 31.3575, 41.0276

Protanopia

30.5272, 31.3704, 40.5225

Deuteranopia

31.9559, 31.3779, 41.4181



Tritanopia

29.7831, 31.2478, 39.5836

Trichromacy



Original Color

30.0573, 31.3575, 41.0276

Protanomaly

30.3440, 31.2760, 40.5140

Deuteranomaly

31.1418, 31.1921, 41.4251

Tritanomaly

29.8738, 31.2841, 40.0612

Monochromacy



Original Color

30.0573, 31.3575, 41.0276

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8917, 31.3748, 36.3788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0573, 31.3575, 41.0276 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(146, 152, 167) looks like.

```
.text, #text, p{  
    color:rgb(146, 152, 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(146, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 152, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.0573, 31.3575, 41.0276 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(146, 152, 167) }
```


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

```
.border{ border-color:rgb(146, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(146, 152,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0573, 31.3575, 41.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 152, 167) }
```

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

```
.background{ background-color: rgb(146,  
152, 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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