

Converting Colors

XYZ(30.8468, 30.1014, 41.3320)

Have a look what the booklet for
XYZ(30.8468, 30.1014, 41.3320)
contains.

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Color

**XYZ(30.9036, 30.1459,
41.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	9C91A8
RGB	156, 145, 168
RGB Percent	61%, 57%, 66%
CMY	0.3882, 0.4314, 0.3412
CMYK	0.07, 0.14, 0.00, 0.34
HSL	269°, 12%, 61%
HSV	269°, 14%, 66%
XYZ	30.9036, 30.1459, 41.2357
YIQ	150.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

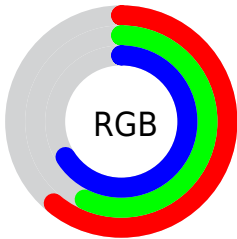
Format	Color
R_{YB}	156, 145, 168
Decimal	10260904
CIE Lab	61.78, 8.56, -10.60
CIE LCh	62, 13.621, 308.927
Yxy	30.1459, 0.3021, 0.2947
Android (android.graphics.Color)	4288450984 (0xFF9C91A8)
YUV	150.9110, 8.4249, 4.4631
Hunter-Lab	54.9053, 4.3850, -6.0951

Details

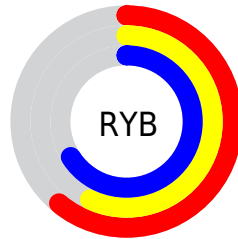
The XYZ color **30.9036, 30.1459, 41.2357** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0192, 37.2185, 32.2332**, and the grayscale version is **29.3435, 30.8717, 33.6192**.

A 20% lighter version of the original color is **60.6067, 60.0234, 78.2034**, and **13.0703, 12.4486, 18.2369** is the 20% darker color. If you saturate the color by 10%, you get **26.8886, 24.5435, 40.3664**, and if you desaturate by 10%, it is **35.4225, 36.5732, 42.2386**.

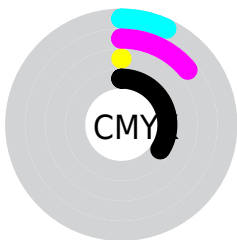
Distribution



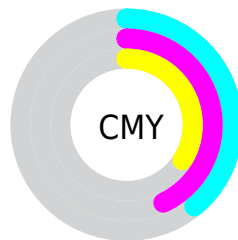
- Red (61%)
- Green (57%)
- Blue (66%)



- Red (61%)
- Yellow (57%)
- Blue (66%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (39%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9036, 30.1459, 41.2357 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 30.9036, 30.1459, 41.2357 by changing the saturation by 10% instead.

■ 30.9036, 30.1459,
41.2357

■ 30.9036, 30.1459,
41.2357

297.9288,
302.5839, 367.0105

■ 20.6769, 19.9494,
28.1822

■ 60.4651, 59.8928,
78.2991

■ 12.9992, 12.3582,
18.2228

■ 80.5307, 80.2120,
103.1461

■ 7.5050, 6.9881,
10.9390

104.6066,
104.6742, 132.7614

■ 3.8290, 3.4547,
5.9122

133.0582,
133.6638, 167.5635

■ 1.6058, 1.3735,
2.7238

166.2509,
167.5651, 207.9709

■ 0.3962, 0.1970,
0.9554

204.5500,

■ 0.0000, 0.0000,

206.7627, 254.4022

0.0000

248.3208,
251.6408, 307.2759

■ 30.9036, 30.1459,
41.2357

■ 30.9036, 30.1459,
41.2357

■ 26.8886, 24.5435,
40.3664

■ 35.4225, 36.5732,
42.2386

■ 23.3556, 19.7277,
39.6231

■ 40.4605, 43.8540,
43.3784

■ 20.2850, 15.6628,
39.0003

■ 46.0359, 52.0203,
44.6608

■ 17.6548, 12.3085,
38.4915

■ 52.1648, 61.1011,
46.0905

■ 15.4408, 9.6210,
38.0894

■ 58.8628, 71.1242,
47.6722

■ 13.6164, 7.5513,
37.7861

■ 66.1449, 82.1163,
49.4100

■ 12.1512, 6.0433,
37.5723

■ 71.5513, 89.1546,
50.4836

■ 11.0093, 5.0300,
37.4368

■ 74.2325, 90.5368,
50.6091

■ 10.4051, 4.5476,
37.3756

■ 77.0543, 91.9915,
50.7412

Harmonies

Analogous

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



29.1981, 30.1459, 43.7290



30.9036, 30.1459, 41.2357



32.0367, 30.1459, 36.5530

Triad

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



30.9036, 30.1459, 41.2357



29.9269, 30.1459, 24.3475



25.3393, 30.1459, 34.4003

Complementary

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



30.9036, 30.1459, 41.2357



33.0192, 37.2185, 32.2332

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.



25.5160, 30.1459, 29.3572



30.9036, 30.1459, 41.2357



28.1143, 30.1459, 23.9014

Square

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



30.9036, 30.1459, 41.2357



31.4564, 30.1459, 26.9319



26.5140, 30.1459, 25.6415



26.0209, 30.1459, 39.5178

Rectangle

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



30.9036, 30.1459, 41.2357



32.2883, 30.1459, 33.0115



26.5140, 30.1459, 25.6415



25.3010, 30.1459, 32.6368

Sweetspot

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



30.9045, 30.1472, 41.2364



63.9459, 65.8898, 76.5728



30.8482, 33.0523, 41.8001



13.8007, 14.1653, 16.6589



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.



30.9045, 30.1472, 41.2364



54.0955, 51.9158, 74.3947



33.1798, 31.3202, 41.3428



7.4603, 7.4699, 9.4670



7.9161, 3.4643, 28.2269



0.2520, 0.1149, 0.6895

Inverse Universe

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



32.3607, 31.0113, 36.1799



57.2107, 53.7647, 63.5629



30.9272, 36.1400, 32.1352



7.6884, 7.6052, 8.6765



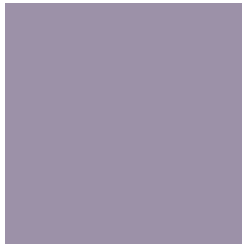
13.5403, 6.8248, 7.6566



0.3551, 0.1763, 0.3212

Previews

White Background



This preview shows how the XYZ color 30.9036, 30.1459, 41.2357 looks on a white background.

Color Contrast Check

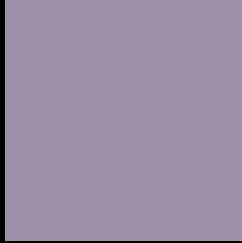
Large Text (above 18pt) WCAG AA × Fail

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 30.9036, 30.1459, 41.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

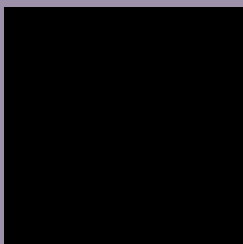
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9036, 30.1459, 41.2357

Background



This preview shows how black text looks on a background with the XYZ color 30.9036, 30.1459, 41.2357.



This preview shows how white text looks on a background with the XYZ color 30.9036, 30.1459,

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

30.9036, 30.1459, 41.2357

Protanopia

29.6997, 30.1931, 42.2927

Deuteranopia

30.7109, 30.0465, 41.2267



Tritanopia

29.9317, 30.2061, 36.6005

Trichromacy



Original Color

30.9036, 30.1459, 41.2357

Protanomaly

30.1728, 30.2160, 41.7781

Deuteranomaly

30.7109, 30.0465, 41.2267

Tritanomaly

30.3180, 30.1350, 38.4011

Monochromacy



Original Color

30.9036, 30.1459, 41.2357

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9701, 30.7015, 36.2447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9036, 30.1459, 41.2357 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(156, 145, 168)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 168)  
}
```

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(156, 145, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 168) }
```

Border

The CSS property to change the border of an element to XYZ 30.9036, 30.1459, 41.2357 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(156, 145, 168) }
```


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

```
.border{ border-color:rgb(156, 145, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 168);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9036, 30.1459, 41.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 168) }
```

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

```
.background{ background-color: rgb(156,  
145, 168) }
```

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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