

Converting Colors

XYZ(36.9434, 39.9739, 59.4360)

Have a look what the booklet for
XYZ(36.9434, 39.9739, 59.4360)
contains.

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Color

**XYZ(36.9907, 40.0753,
59.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	92ADC6
RGB	146, 173, 198
RGB Percent	57%, 68%, 78%
CMY	0.4274, 0.3216, 0.2235
CMYK	0.26, 0.13, 0.00, 0.22
HSL	209°, 31%, 67%
HSV	209°, 26%, 78%
XYZ	36.9907, 40.0753, 59.2118
YIQ	167.7770, -24.1170, 2.0510

Conversions

Conversions Part 2

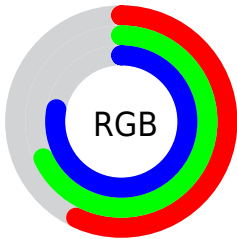
Format	Color
RYB	146, 164, 198
Decimal	9612742
CIELab	69.52, -3.58, -15.79
CIELCh	70, 16.195, 257.221
Yxy	40.0753, 0.2714, 0.2941
Android (android.graphics.Color)	4287802822 (0xFF92ADC6)
YUV	167.7770, 14.8999, -19.0984
Hunter-Lab	63.3051, -6.4819, -11.1428

Details

The XYZ color **36.9907, 40.0753, 59.2118** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0406, 43.2074, 33.2667**, and the grayscale version is **37.0489, 38.9783, 42.4473**.

A 20% lighter version of the original color is **69.8808, 75.1243, 105.4251**, and **16.4875, 18.0680, 29.0041** is the 20% darker color. If you saturate the color by 10%, you get **32.0107, 34.8951, 58.4751**, and if you desaturate by 10%, it is **42.7128, 45.8331, 60.0223**.

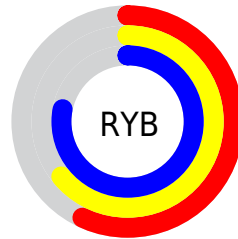
Distribution



Red (57%)

Green (68%)

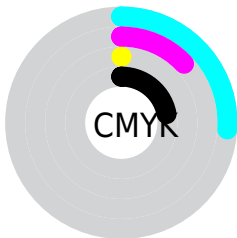
Blue (78%)



Red (57%)

Yellow (64%)

Blue (78%)

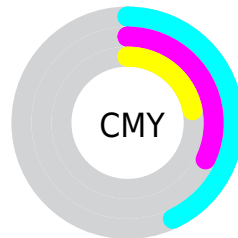


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (43%)

Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9907, 40.0753, 59.2118 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 36.9907, 40.0753, 59.2118 by changing the saturation by 10% instead.

■ 36.9907, 40.0753,
59.2118

■ 36.9907, 40.0753,
59.2118

324.6265,
346.4408, 439.4101

■ 25.3739, 27.5973,
42.3625

■ 69.8724, 75.2782,
105.2176

■ 16.4861, 18.0223,
29.0576

■ 91.8681, 98.7718,
135.2111

■ 9.9618, 10.9660,
18.8784

118.0540,
126.7060, 170.4232

■ 5.4357, 6.0440,
11.4065

148.7957,
159.4653, 211.2723

■ 2.5425, 2.8718,
6.2234

184.4584,
197.4341, 258.1770

■ 0.9167, 1.0652,
2.9104

225.4076,

■ 0.0000, 0.0000,

240.9966, 311.5559

1.0491

272.0085,
290.5374, 371.8274

■ 0.0000, 0.0000,
0.0000

■ 36.9907, 40.0753,
59.2118

■ 36.9907, 40.0753,
59.2118

■ 32.0107, 34.8951,
58.4751

■ 42.7128, 45.8331,
60.0223

■ 27.7349, 30.2660,
57.8069

■ 49.2052, 52.1839,
60.9059

■ 24.1277, 26.1666,
57.2058

■ 56.4987, 59.1485,
61.8658

■ 21.1483, 22.5715,
56.6689

■ 64.6217, 66.7450,
62.9039

■ 18.7511, 19.4527,
56.1932

■ 73.6008, 74.9908,
64.0223

■ 16.8833, 16.7786,
55.7755

■ 79.7623, 81.9955,
65.0496

■ 15.4783, 14.5099,
55.4117

■ 82.4859, 87.4427,
65.9574

■ 15.0249, 13.7406,
55.2871

■ 85.3564, 93.1837,
66.9143

■ 87.1932, 96.8573,
67.5265

Harmonies

Analogous

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



34.7815, 40.0753, 55.0613



36.9907, 40.0753, 59.2118



39.5960, 40.0753, 58.8590

Triad

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



36.9907, 40.0753, 59.2118



43.0895, 40.0753, 39.5156



34.5232, 40.0753, 34.5808

Complementary

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



36.9907, 40.0753, 59.2118



43.0406, 43.2074, 33.2667

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.



36.6234, 40.0753, 31.2927



36.9907, 40.0753, 59.2118



41.6027, 40.0753, 33.9104

Square

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



36.9907, 40.0753, 59.2118



43.1989, 40.0753, 46.8932



39.2116, 40.0753, 31.0622



33.4013, 40.0753, 40.5316

Rectangle

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



36.9907, 40.0753, 59.2118



41.2084, 40.0753, 56.1145



39.2116, 40.0753, 31.0622



35.1337, 40.0753, 33.1585

Sweetspot

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



36.9919, 40.0769, 59.2127



84.8898, 90.2357, 107.5508



39.3301, 49.4124, 45.6283



17.7833, 18.9383, 22.9681



0.0000, 0.0000, 0.0000



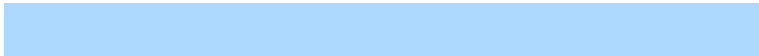
20.3446, 21.4041, 23.3091

Same Dimension

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



36.9919, 40.0769, 59.2127



59.8695, 65.1445, 104.0264



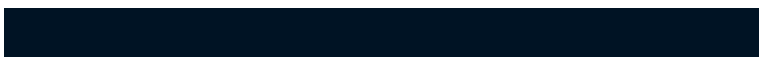
32.5963, 31.2856, 57.7475



10.5046, 11.1833, 13.5224



9.8571, 9.1080, 35.9829



0.5390, 0.5758, 1.7279

Inverse Universe

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



41.1115, 35.5818, 44.2380



68.6255, 56.2468, 72.0506



48.2779, 53.6822, 35.0125



10.8600, 10.7274, 12.2460



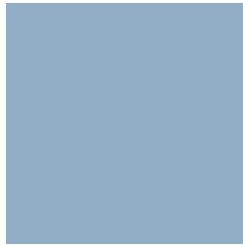
16.7747, 8.4595, 9.2895



0.8308, 0.4151, 0.6319

Previews

White Background



This preview shows how the XYZ color 36.9907, 40.0753, 59.2118 looks on a white background.

Color Contrast Check

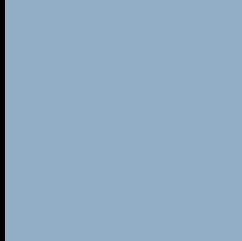
Large Text (above 18pt) WCAG AA × Fail

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 36.9907, 40.0753, 59.2118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

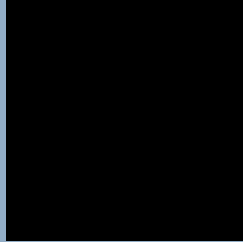
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

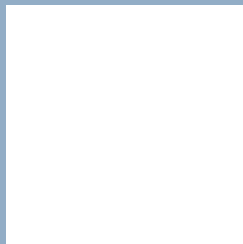
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9907, 40.0753, 59.2118

Background



This preview shows how black text looks on a background with the XYZ color 36.9907, 40.0753, 59.2118.



This preview shows how white text looks on a background with the XYZ color 36.9907, 40.0753,

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

36.9907, 40.0753, 59.2118

Protanopia

39.3700, 39.9447, 57.2648

Deuteranopia

40.6750, 39.7383, 60.1700



Tritanopia

36.0169, 40.2634, 54.0174

Trichromacy



Original Color

36.9907, 40.0753, 59.2118

Protanomaly

38.4391, 40.0041, 57.9202

Deuteranomaly

39.2117, 39.8102, 59.6503

Tritanomaly

36.3275, 40.0976, 55.6941

Monochromacy



Original Color

36.9907, 40.0753, 59.2118

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0086, 39.4777, 48.3172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9907, 40.0753, 59.2118 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, 173, 198) looks like.

```
.text, #text, p{  
    color:rgb(146, 173, 198)  
}
```

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, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 173, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.9907, 40.0753, 59.2118 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, 173, 198) }
```


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

```
.border{ border-color:rgb(146, 173, 198) }
```

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

Here you see how a box with a 4 pixel rgb(146, 173, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 173, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 173, 198);  
box-shadow:4px 4px 4px 4px rgb(146, 173,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9907, 40.0753, 59.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 173, 198) }
```

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

```
.background{ background-color: rgb(146,  
173, 198) }
```

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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