

Converting Colors

XYZ(36.5481, 40.4123, 59.4795)

Have a look what the booklet for
XYZ(36.5481, 40.4123, 59.4795)
contains.

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Color

**XYZ(36.5075, 40.3999,
59.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAFC6
RGB	141, 175, 198
RGB Percent	55%, 69%, 78%
CMY	0.4470, 0.3137, 0.2235
CMYK	0.29, 0.12, 0.00, 0.22
HSL	204°, 33%, 66%
HSV	204°, 29%, 78%
XYZ	36.5075, 40.3999, 59.2999
YIQ	167.4560, -27.6470, -0.0550

Conversions

Conversions Part 2

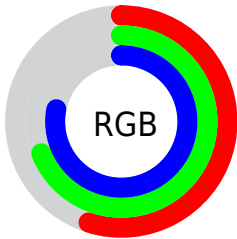
Format	Color
RYB	141, 162, 198
Decimal	9285574
CIELab	69.75, -6.17, -15.48
CIELCh	70, 16.662, 248.262
Yxy	40.3999, 0.2680, 0.2966
Android (android.graphics.Color)	4287475654 (0xFF8DAFC6)
YUV	167.4560, 15.0582, -23.2019
Hunter-Lab	63.5609, -8.7065, -10.8227

Details

The XYZ color **36.5075, 40.3999, 59.2999** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3724, 40.4800, 30.8331**, and the grayscale version is **36.8924, 38.8137, 42.2681**.

A 20% lighter version of the original color is **69.3909, 76.1076, 105.6407**, and **16.2368, 18.3034, 29.0627** is the 20% darker color. If you saturate the color by 10%, you get **31.9281, 35.7996, 58.6540**, and if you desaturate by 10%, it is **41.7833, 45.4977, 60.0065**.

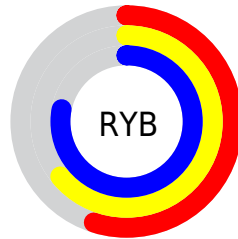
Distribution



Red (55%)

Green (69%)

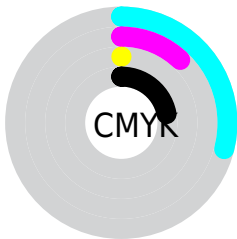
Blue (78%)



Red (55%)

Yellow (64%)

Blue (78%)

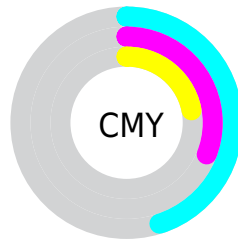


Cyan (29%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5075, 40.3999, 59.2999 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 36.5075, 40.3999, 59.2999 by changing the saturation by 10% instead.

■ 36.5075, 40.3999,
59.2999

■ 36.5075, 40.3999,
59.2999

322.5660,
347.8062, 439.7452

■ 24.9983, 27.8505,
42.4330

■ 69.1334, 75.7721,
105.3468

■ 16.2045, 18.2130,
29.1124

■ 90.9809, 99.3636,
135.3639

■ 9.7608, 11.1030,
18.9195

117.0052,
127.4047, 170.6015

■ 5.3017, 6.1362,
11.4359

147.5716,
160.2796, 211.4780

■ 2.4619, 2.9281,
6.2430

183.0455,
198.3729, 258.4121

■ 0.8761, 1.0943,
2.9222

223.7923,

■ 0.0000, 0.0000,

242.0688, 311.8223

1.0551

270.1774,
291.7518, 372.1272

■ 0.0000, 0.0000,
0.0000

■ 36.5075, 40.3999,
59.2999

■ 36.5075, 40.3999,
59.2999

■ 31.9281, 35.7996,
58.6540

■ 41.7833, 45.4977,
60.0065

■ 28.0077, 31.6724,
58.0640

■ 47.7829, 51.1065,
60.7729

■ 24.7109, 27.9984,
57.5286

■ 54.5369, 57.2453,
61.6018

■ 21.9971, 24.7544,
57.0455

■ 62.0727, 63.9304,
62.4950

■ 19.8203, 21.9140,
56.6120

■ 70.4165, 71.1774,
63.4540

■ 18.1270, 19.4470,
56.2250

■ 77.8040, 78.0788,
64.3968

■ 16.8298, 17.3058,
55.8801

■ 79.9883, 82.4475,
65.1249

■ 16.6849, 17.0606,
55.8404

■ 82.2746, 87.0202,
65.8870

■ 84.6644, 91.7997,
66.6836

Harmonies

Analogous

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



34.4640, 40.3999, 53.8560



36.5075, 40.3999, 59.2999



39.1499, 40.3999, 60.4091

Triad

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



36.5075, 40.3999, 59.2999



43.7707, 40.3999, 41.8860



35.2721, 40.3999, 33.3139

Complementary

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



36.5075, 40.3999, 59.2999



41.3724, 40.4800, 30.8331

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.



37.6575, 40.3999, 30.8511



36.5075, 40.3999, 59.2999



42.6224, 40.3999, 35.4067

Square

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



36.5075, 40.3999, 59.2999



43.4274, 40.3999, 49.7300



40.3545, 40.3999, 31.5697



33.7744, 40.3999, 38.7071

Rectangle

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



36.5075, 40.3999, 59.2999



40.9106, 40.3999, 58.4314



40.3545, 40.3999, 31.5697



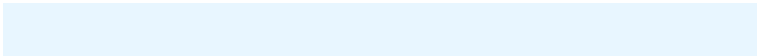
35.9921, 40.3999, 32.1464

Sweetspot

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



36.5087, 40.4015, 59.3008



84.2217, 90.1378, 107.5671



37.8622, 48.7248, 42.4375



17.6748, 18.9678, 22.9795



0.0000, 0.0000, 0.0000



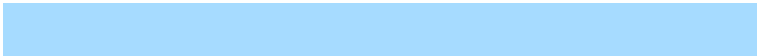
20.3446, 21.4041, 23.3091

Same Dimension

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



36.5087, 40.4015, 59.3008



59.0524, 65.9577, 104.2265



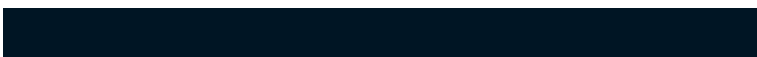
31.5656, 30.5152, 57.6531



10.5739, 11.3219, 13.5455



10.9362, 11.2662, 36.3426



0.5875, 0.6728, 1.7440

Inverse Universe

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



40.5524, 34.1517, 45.0138



67.6156, 53.5556, 73.7843



47.0128, 51.7608, 32.7132



10.8949, 10.7414, 12.4301



17.3194, 8.6773, 12.1577



0.8552, 0.4249, 0.7609

Previews

White Background



This preview shows how the XYZ color 36.5075, 40.3999, 59.2999 looks on a white background.

Color Contrast Check

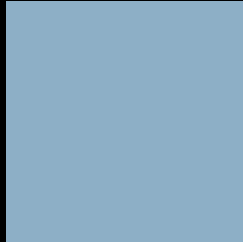
Large Text (above 18pt) WCAG AA × Fail

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 36.5075, 40.3999, 59.2999 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

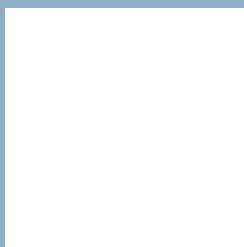
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5075, 40.3999, 59.2999

Background



This preview shows how black text looks on a background with the XYZ color 36.5075, 40.3999, 59.2999.



This preview shows how white text looks on a background with the XYZ color 36.5075, 40.3999,

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

36.5075, 40.3999, 59.2999

Protanopia

39.6515, 40.3780, 56.7428

Deuteranopia

41.0748, 40.2132, 60.2406



Tritanopia

35.4671, 40.2573, 54.6163

Trichromacy



Original Color

36.5075, 40.3999, 59.2999

Protanomaly

38.3179, 40.2340, 57.3761

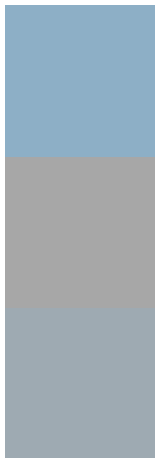
Deuteranomaly

39.1947, 40.0765, 59.7026

Tritanomaly

35.9662, 40.4764, 56.3692

Monochromacy



Original Color

36.5075, 40.3999, 59.2999

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5112, 39.2329, 47.7678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5075, 40.3999, 59.2999 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(141, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(141, 175, 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(141, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 175, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.5075, 40.3999, 59.2999 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(141, 175, 198) }
```


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

```
.border{ border-color:rgb(141, 175, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 175, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 175, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 175, 198);  
box-shadow:4px 4px 4px 4px rgb(141, 175,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5075, 40.3999, 59.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 175, 198) }
```

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

```
.background{ background-color: rgb(141,  
175, 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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