

Converting Colors

XYZ(36.5228, 40.5656, 59.4977)

Have a look what the booklet for
XYZ(36.5228, 40.5656, 59.4977)
contains.

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Color

**XYZ(36.5336, 40.7033,
59.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB0C6
RGB	140, 176, 198
RGB Percent	55%, 69%, 78%
CMY	0.4510, 0.3098, 0.2235
CMYK	0.29, 0.11, 0.00, 0.22
HSL	203°, 34%, 66%
HSV	203°, 29%, 78%
XYZ	36.5336, 40.7033, 59.3571
YIQ	167.7440, -28.5180, -0.7900

Conversions

Conversions Part 2

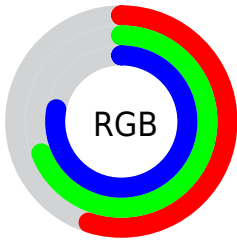
Format	Color
RYB	140, 162, 198
Decimal	9220294
CIELab	69.97, -7.01, -15.16
CIElCh	70, 16.702, 245.193
Yxy	40.7033, 0.2675, 0.2980
Android (android.graphics.Color)	4287410374 (0xFF8CB0C6)
YUV	167.7440, 14.9162, -24.3315
Hunter-Lab	63.7991, -9.4332, -10.5025

Details

The XYZ color **36.5336, 40.7033, 59.3571** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9433, 39.7404, 30.3248**, and the grayscale version is **37.0342, 38.9628, 42.4305**.

A 20% lighter version of the original color is **69.4123, 76.5353, 105.7221**, and **16.2662, 18.5036, 29.0998** is the 20% darker color. If you saturate the color by 10%, you get **32.0610, 36.2726, 58.7383**, and if you desaturate by 10%, it is **41.6905, 45.6096, 60.0330**.

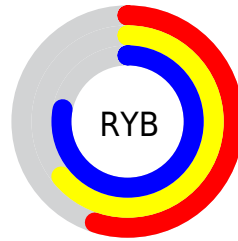
Distribution



Red (55%)

Green (69%)

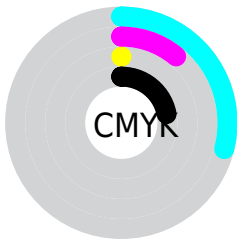
Blue (78%)



Red (55%)

Yellow (64%)

Blue (78%)

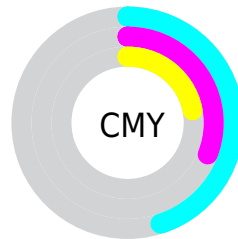


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5336, 40.7033, 59.3571 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 36.5336, 40.7033, 59.3571 by changing the saturation by 10% instead.

■ 36.5336, 40.7033,
59.3571

■ 36.5336, 40.7033,
59.3571

322.6775,
349.0790, 439.9627

■ 25.0186, 28.0873,
42.4787

■ 69.1734, 76.2333,
105.4307

■ 16.2197, 18.3915,
29.1480

■ 91.0289, 99.9161,
135.4631

■ 9.7716, 11.2314,
18.9463

■ 117.0619,
128.0566, 170.7171

■ 5.3089, 6.2227,
11.4550

147.6378,
161.0393, 211.6115

■ 2.4662, 2.9810,
6.2558

183.1220,
199.2485, 258.5647

■ 0.8783, 1.1218,
2.9299

223.8798,

■ 0.0000, 0.0000,

243.0685, 311.9953

1.0590

270.2765,
292.8839, 372.3217

■ 0.0000, 0.0000,
0.0000

■ 36.5336, 40.7033,
59.3571

■ 36.5336, 40.7033,
59.3571

■ 32.0610, 36.2726,
58.7383

■ 41.6905, 45.6096,
60.0330

■ 28.2353, 32.2936,
58.1719

■ 47.5591, 51.0047,
60.7650

■ 25.0215, 28.7469,
57.6567

■ 54.1696, 56.9069,
61.5559

■ 22.3788, 25.6097,
57.1905

■ 61.5494, 63.3321,
62.4071

■ 20.2615, 22.8562,
56.7706

■ 69.7245, 70.2956,
63.3203

■ 18.6155, 20.4565,
56.3941

■ 77.3062, 77.0832,
64.2309

■ 17.3477, 18.3602,
56.0563

■ 79.3343, 81.1396,
64.9069

■ 17.2640, 18.2190,
56.0335

■ 81.4523, 85.3756,
65.6129

■ 83.6613, 89.7935,
66.3493

Harmonies

Analogous

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



34.5677, 40.7033, 53.5265



36.5336, 40.7033, 59.3571



39.1627, 40.7033, 60.9767

Triad

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



36.5336, 40.7033, 59.3571



44.1345, 40.7033, 42.9768



35.7500, 40.7033, 33.1681

Complementary

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



36.5336, 40.7033, 59.3571



40.9433, 39.7404, 30.3248

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.



38.2157, 40.7033, 31.0101



36.5336, 40.7033, 59.3571



43.1218, 40.7033, 36.2330

Square

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



36.5336, 40.7033, 59.3571



43.6328, 40.7033, 50.9069



40.9239, 40.7033, 32.0630



34.1303, 40.7033, 38.3254

Rectangle

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



36.5336, 40.7033, 59.3571



40.9570, 40.7033, 59.3054



40.9239, 40.7033, 32.0630



36.5029, 40.7033, 32.0973

Sweetspot

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



36.5349, 40.7049, 59.3580



84.3906, 90.4756, 107.6234



37.4668, 48.5471, 41.2385



17.7165, 19.0511, 22.9934



0.0000, 0.0000, 0.0000



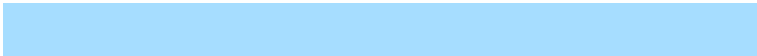
20.3446, 21.4041, 23.3091

Same Dimension

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



36.5349, 40.7049, 59.3580



59.6193, 67.0915, 104.4154



31.5574, 30.7500, 57.6989



10.5957, 11.3655, 13.5528



11.3117, 12.0174, 36.4678



0.6038, 0.7055, 1.7495

Inverse Universe

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



40.5043, 33.8976, 45.4841



67.9018, 53.6700, 75.2912



46.4944, 50.8426, 32.1751



10.9060, 10.7458, 12.4881



17.5090, 8.7532, 13.1560



0.8635, 0.4282, 0.8043

Previews

White Background



This preview shows how the XYZ color 36.5336, 40.7033, 59.3571 looks on a white background.

Color Contrast Check

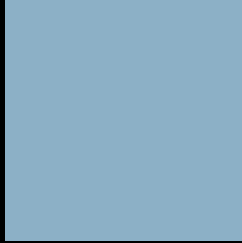
Large Text (above 18pt) WCAG AA × Fail

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 36.5336, 40.7033, 59.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

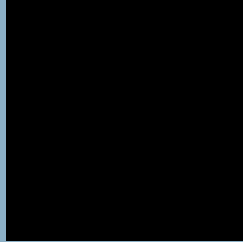
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5336, 40.7033, 59.3571

Background



This preview shows how black text looks on a background with the XYZ color 36.5336, 40.7033, 59.3571.



This preview shows how white text looks on a background with the XYZ color 36.5336, 40.7033,

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

36.5336, 40.7033, 59.3571

Protanopia

39.8619, 40.4865, 56.7527

Deuteranopia

41.2951, 40.3268, 60.2509



Tritanopia

35.7736, 40.6948, 55.2596

Trichromacy



Original Color

36.5336, 40.7033, 59.3571

Protanomaly

38.5075, 40.6133, 57.4393

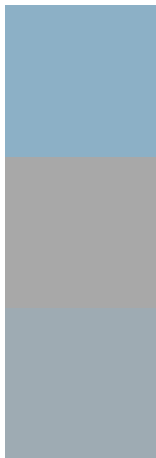
Deuteranomaly

39.3815, 40.4500, 59.7648

Tritanomaly

36.1072, 40.8283, 57.0165

Monochromacy



Original Color

36.5336, 40.7033, 59.3571

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.8001, 39.6496, 48.3614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5336, 40.7033, 59.3571 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(140, 176, 198)` looks like.

```
.text, #text, p{  
    color:rgb(140, 176, 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(140, 176, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 176, 198) }
```

Border

The CSS property to change the border of an element to XYZ 36.5336, 40.7033, 59.3571 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(140, 176, 198) }
```


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

```
.border{ border-color:rgb(140, 176, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 176, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 176, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 176, 198);  
box-shadow:4px 4px 4px 4px rgb(140, 176,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5336, 40.7033, 59.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 176, 198) }
```

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

```
.background{ background-color: rgb(140,  
176, 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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