

Converting Colors

XYZ(36.2059, 39.6479, 47.3395)

Have a look what the booklet for
XYZ(36.2059, 39.6479, 47.3395)
contains.

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Color

**XYZ(36.2059, 39.6479,
47.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	9BACB1
RGB	155, 172, 177
RGB Percent	61%, 67%, 69%
CMY	0.3922, 0.3255, 0.3059
CMYK	0.12, 0.03, 0.00, 0.31
HSL	194°, 12%, 65%
HSV	194°, 12%, 69%
XYZ	36.2059, 39.6479, 47.3395
YIQ	167.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

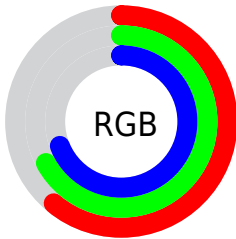
Format	Color
RYB	155, 165, 177
Decimal	10202289
CIELab	69.22, -4.87, -4.59
CIElCh	69, 6.687, 223.295
Yxy	39.6479, 0.2939, 0.3218
Android (android.graphics.Color)	4288392369 (0xFF9BACB1)
YUV	167.4870, 4.6899, -10.9511
Hunter-Lab	62.9666, -7.5537, -0.4988

Details

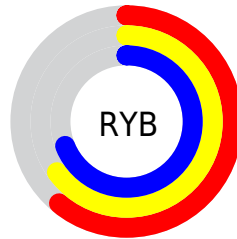
The XYZ color **36.2059, 39.6479, 47.3395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6189, 36.8552, 36.1948**, and the grayscale version is **36.9510, 38.8753, 42.3352**.

A 20% lighter version of the original color is **68.7554, 74.5230, 87.8514**, and **16.0635, 17.8312, 21.6639** is the 20% darker color. If you saturate the color by 10%, you get **32.3014, 36.5172, 46.9416**, and if you desaturate by 10%, it is **40.6338, 43.0849, 47.7702**.

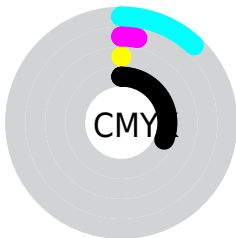
Distribution



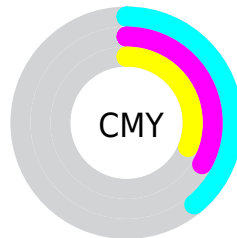
- Red (61%)
- Green (67%)
- Blue (69%)



- Red (61%)
- Yellow (65%)
- Blue (69%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2059, 39.6479, 47.3395 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 36.2059, 39.6479, 47.3395 by changing the saturation by 10% instead.

■ 36.2059, 39.6479,
47.3395

■ 36.2059, 39.6479,
47.3395

321.2752,
344.6373, 392.6010

■ 24.7641, 27.2641,
32.9479

■ 68.6715, 74.6271,
87.5754

■ 16.0292, 17.7717,
21.8157

■ 90.4261, 97.9912,
114.2568

■ 9.6358, 10.7862,
13.5245

116.3490,
125.7843, 145.8719

■ 5.2186, 5.9233,
7.6558

146.8055,
158.3907, 182.8391

■ 2.4121, 2.7985,
3.7909

182.1610,
196.1948, 225.5771

■ 0.8512, 1.0274,
1.5113

222.7809,

■ 0.0000, 0.0000,

239.5810, 274.5044

0.2264

269.0305,
288.9337, 330.0395

■ 0.0000, 0.0000,
0.0000

■ 36.2059, 39.6479,
47.3395

■ 36.2059, 39.6479,
47.3395

■ 32.3014, 36.5172,
46.9416

■ 40.6338, 43.0849,
47.7702

■ 28.8952, 33.6763,
46.5728

■ 45.6021, 46.8342,
48.2320

■ 25.9649, 31.1146,
46.2328

■ 51.1313, 50.9075,
48.7268

■ 23.4852, 28.8187,
45.9203

■ 57.2398, 55.3148,
49.2555

■ 21.4286, 26.7740,
45.6341

■ 63.9450, 60.0652,
49.8190

■ 19.7639, 24.9642,
45.3725

■ 68.9449, 63.9723,
50.3097

■ 18.4558, 23.3708,
45.1339

■ 69.8648, 65.8122,
50.6163

■ 17.4622, 21.9716,
44.9162

■ 70.8093, 67.7011,
50.9311

■ 16.8522, 21.0069,
44.7621

■ 71.7784, 69.6393,
51.2542

Harmonies

Analogous

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



35.7164, 39.6479, 44.5396



36.2059, 39.6479, 47.3395



37.0956, 39.6479, 49.0652

Triad

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



36.2059, 39.6479, 47.3395



39.6900, 39.6479, 44.8864



37.2128, 39.6479, 37.6837

Complementary

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



36.2059, 39.6479, 47.3395



36.6189, 36.8552, 36.1948

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.



38.2788, 39.6479, 37.7666



36.2059, 39.6479, 47.3395



39.7229, 39.6479, 41.8284

Square

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



36.2059, 39.6479, 47.3395



39.1133, 39.6479, 47.6037



39.2021, 39.6479, 39.2525



36.2903, 39.6479, 39.0202

Rectangle

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



36.2059, 39.6479, 47.3395



37.8026, 39.6479, 49.3260



39.2021, 39.6479, 39.2525



37.5659, 39.6479, 37.5484

Sweetspot

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



36.2071, 39.6496, 47.3404



71.4076, 76.1160, 85.4236



35.5652, 40.9434, 39.1799



15.3434, 16.3942, 18.5000



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.2071, 39.6496, 47.3404



62.7742, 69.3699, 84.5765



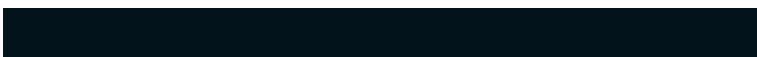
34.2398, 35.7150, 46.6846



8.5757, 9.2976, 10.8490



12.2570, 15.3143, 32.4469



0.4259, 0.5624, 1.0343

Inverse Universe

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



37.3001, 35.7692, 43.9698



65.1467, 61.0610, 77.2349



38.5674, 40.7521, 36.8443



8.7658, 8.6130, 10.2650



16.4214, 8.0861, 17.9109



0.5370, 0.2626, 0.6706

Previews

White Background



This preview shows how the XYZ color 36.2059, 39.6479, 47.3395 looks on a white background.

Color Contrast Check

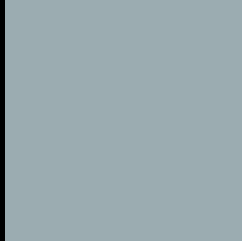
Large Text (above 18pt) WCAG AA × Fail

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 36.2059, 39.6479, 47.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

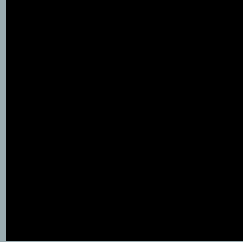
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

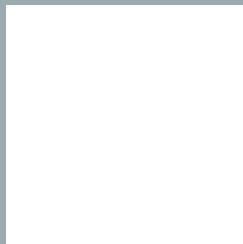
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2059, 39.6479, 47.3395

Background



This preview shows how black text looks on a background with the XYZ color 36.2059, 39.6479, 47.3395.



This preview shows how white text looks on a background with the XYZ color 36.2059, 39.6479,

47.3395.

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

36.2059, 39.6479, 47.3395

Protanopia

38.2202, 39.6073, 45.6750

Deuteranopia

40.4682, 39.6293, 48.1642



Tritanopia

36.9249, 39.6544, 51.0553

Trichromacy



Original Color

36.2059, 39.6479, 47.3395

Protanomaly

37.4429, 39.4704, 46.2025

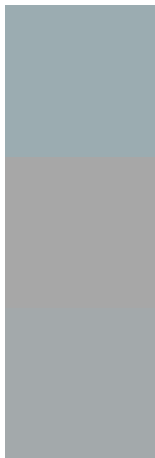
Deuteranomaly

38.8679, 39.6224, 47.7188

Tritanomaly

36.6137, 39.5299, 49.4164

Monochromacy



Original Color

36.2059, 39.6479, 47.3395

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6429, 39.1027, 44.1444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2059, 39.6479, 47.3395 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(155, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(155, 172, 177)  
}
```

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(155, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 172, 177) }
```

Border

The CSS property to change the border of an element to XYZ 36.2059, 39.6479, 47.3395 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(155, 172, 177) }
```


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

```
.border{ border-color:rgb(155, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(155, 172,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2059, 39.6479, 47.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 172, 177) }
```

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

```
.background{ background-color: rgb(155,  
172, 177) }
```

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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