

Converting Colors

XYZ(36.8527, 40.4536, 51.2278)

Have a look what the booklet for
XYZ(36.8527, 40.4536, 51.2278)
contains.

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Color

**XYZ(36.9247, 40.5051,
51.2195)**

Conversions

Conversions Part 1

Format	Color
Hex	99AEB8
RGB	153, 174, 184
RGB Percent	60%, 68%, 72%
CMY	0.4000, 0.3176, 0.2784
CMYK	0.17, 0.05, 0.00, 0.28
HSL	199°, 18%, 66%
HSV	199°, 17%, 72%
XYZ	36.9247, 40.5051, 51.2195
YIQ	168.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

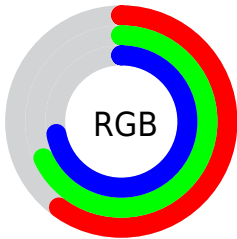
Format	Color
RYB	153, 166, 184
Decimal	10071736
CIELab	69.83, -5.11, -7.57
CIElCh	70, 9.131, 235.951
Yxy	40.5051, 0.2870, 0.3148
Android (android.graphics.Color)	4288261816 (0xFF99AEB8)
YUV	168.8610, 7.4635, -13.9101
Hunter-Lab	63.6436, -7.8144, -3.1652

Details

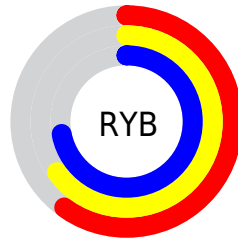
The XYZ color **36.9247, 40.5051, 51.2195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6145, 38.6848, 35.5697**, and the grayscale version is **37.6142, 39.5731, 43.0951**.

A 20% lighter version of the original color is **69.7599, 75.7398, 93.3806**, and **16.5358, 18.3825, 24.1494** is the 20% darker color. If you saturate the color by 10%, you get **32.5951, 36.6096, 50.6964**, and if you desaturate by 10%, it is **41.8429, 44.7814, 51.7863**.

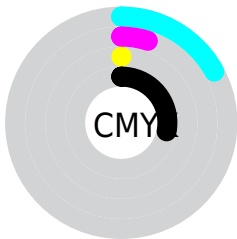
Distribution



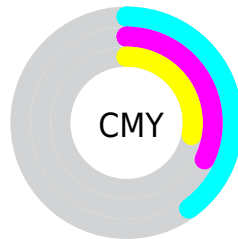
- Red (60%)
- Green (68%)
- Blue (72%)



- Red (60%)
- Yellow (65%)
- Blue (72%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (40%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9247, 40.5051, 51.2195 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 36.9247, 40.5051, 51.2195 by changing the saturation by 10% instead.

■ 36.9247, 40.5051,
51.2195

■ 36.9247, 40.5051,
51.2195

324.3456,
348.2479, 408.2869

■ 25.3226, 27.9326,
36.0054

■ 69.7715, 75.9320,
93.3940

■ 16.4476, 18.2748,
24.1486

■ 91.7470, 99.5553,
121.1914

■ 9.9343, 11.1475,
15.2307

117.9109,
127.6308, 154.0204

■ 5.4173, 6.1661,
8.8330

148.6288,
160.5432, 192.2994

■ 2.5314, 2.9464,
4.5371

184.2658,
198.6767, 236.4470

■ 0.9111, 1.1038,
1.9244

225.1873,

■ 0.0000, 0.0000,

242.4157, 286.8818

0.5082

271.7588,
292.1446, 344.0222

■ 0.0000, 0.0000,
0.0000

■ 36.9247, 40.5051,
51.2195

■ 36.9247, 40.5051,
51.2195

■ 32.5951, 36.6096,
50.6964

■ 41.8429, 44.7814,
51.7863

■ 28.8253, 33.0759,
50.2131

■ 47.3697, 49.4464,
52.3955

■ 25.5897, 29.8908,
49.7688

■ 53.5284, 54.5143,
53.0491

■ 22.8588, 27.0382,
49.3621

■ 60.3401, 59.9968,
53.7483

■ 20.6001, 24.5003,
48.9913

■ 67.8247, 65.9050,
54.4942

■ 18.7772, 22.2572,
48.6544

■ 72.8420, 70.6211,
55.1401

■ 17.3477, 20.2860,
48.3493

■ 74.3309, 73.5988,
55.6364

■ 16.2532, 18.5557,
48.0730

■ 75.8746, 76.6862,
56.1509

■ 15.9423, 18.0417,
47.9902

■ 77.4737, 79.8845,
56.6840

Harmonies

Analogous

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



35.9921, 40.5051, 47.7732



36.9247, 40.5051, 51.2195



38.2979, 40.5051, 52.7586

Triad

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



36.9247, 40.5051, 51.2195



41.4131, 40.5051, 44.6822



37.2648, 40.5051, 37.1619

Complementary

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



36.9247, 40.5051, 51.2195



38.6145, 38.6848, 35.5697

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.



38.7005, 40.5051, 36.4502



36.9247, 40.5051, 51.2195



41.1195, 40.5051, 40.6261

Square

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



36.9247, 40.5051, 51.2195



40.9095, 40.5051, 48.8341



40.1172, 40.5051, 37.6785



36.1849, 40.5051, 39.6881

Rectangle

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



36.9247, 40.5051, 51.2195



39.2876, 40.5051, 52.4281



40.1172, 40.5051, 37.6785



37.7208, 40.5051, 36.7097

Sweetspot

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



36.9259, 40.5068, 51.2204



77.5361, 82.6166, 94.0646



36.8726, 43.6918, 41.0551



16.5706, 17.6872, 20.2622



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.9259, 40.5068, 51.2204



64.0810, 70.8884, 92.5100



34.1332, 34.9215, 50.2895



9.0159, 9.7090, 11.4783



11.0534, 12.5665, 33.0961



0.4431, 0.5499, 1.1845

Inverse Universe

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



38.7994, 36.0298, 44.9558



68.1174, 61.4615, 78.9640



41.5011, 44.4580, 36.5319



9.2544, 9.1121, 10.6869



16.1929, 8.0509, 14.1687



0.5978, 0.2946, 0.6416

Previews

White Background



This preview shows how the XYZ color 36.9247, 40.5051, 51.2195 looks on a white background.

Color Contrast Check

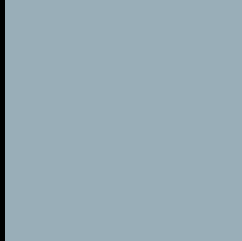
Large Text (above 18pt) WCAG AA × Fail

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 36.9247, 40.5051, 51.2195 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

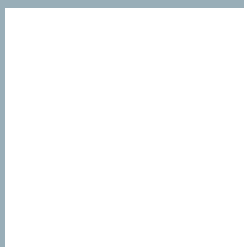
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9247, 40.5051, 51.2195

Background



This preview shows how black text looks on a background with the XYZ color 36.9247, 40.5051, 51.2195.



This preview shows how white text looks on a background with the XYZ color 36.9247, 40.5051,

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

36.9247, 40.5051, 51.2195

Protanopia

39.1060, 40.2582, 49.4256

Deuteranopia

41.3215, 40.5209, 52.0978



Tritanopia

37.2396, 40.3450, 52.8383

Trichromacy



Original Color

36.9247, 40.5051, 51.2195

Protanomaly

38.3162, 40.3957, 50.0336

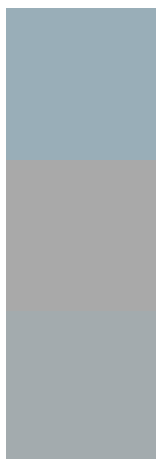
Deuteranomaly

39.5225, 40.4248, 51.6186

Tritanomaly

37.1329, 40.3023, 52.2764

Monochromacy



Original Color

36.9247, 40.5051, 51.2195

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.3071, 39.9683, 45.7928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9247, 40.5051, 51.2195 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(153, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(153, 174, 184)  
}
```

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(153, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 174, 184) }
```

Border

The CSS property to change the border of an element to XYZ 36.9247, 40.5051, 51.2195 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(153, 174, 184) }
```


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

```
.border{ border-color:rgb(153, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(153, 174,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9247, 40.5051, 51.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 174, 184) }
```

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

```
.background{ background-color: rgb(153,  
174, 184) }
```

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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