

Converting Colors

XYZ(39.6064, 39.7123, 52.8026)

Have a look what the booklet for
XYZ(39.6064, 39.7123, 52.8026)
contains.

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Color

**XYZ(39.4004, 39.5182,
52.5649)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA6BB
RGB	171, 166, 187
RGB Percent	67%, 65%, 73%
CMY	0.3294, 0.3490, 0.2667
CMYK	0.09, 0.11, 0.00, 0.27
HSL	254°, 13%, 69%
HSV	254°, 11%, 73%
XYZ	39.4004, 39.5182, 52.5649
YIQ	169.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

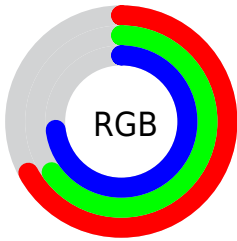
Format	Color
R_{YB}	171, 166, 187
Decimal	11249339
CIE Lab	69.12, 5.89, -10.13
CIE LCh	69, 11.718, 300.201
Yxy	39.5182, 0.2997, 0.3006
Android (android.graphics.Color)	4289439419 (0xFFABA6BB)
YUV	169.8890, 8.4357, 0.9743
Hunter-Lab	62.8635, 1.8657, -5.5724

Details

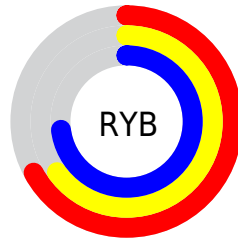
The XYZ color **39.4004, 39.5182, 52.5649** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9462, 48.2400, 43.0734**, and the grayscale version is **38.1148, 40.0997, 43.6686**.

A 20% lighter version of the original color is **73.3981, 74.3527, 95.2770**, and **17.9281, 17.6778, 25.0215** is the 20% darker color. If you saturate the color by 10%, you get **33.3070, 31.6931, 51.3763**, and if you desaturate by 10%, it is **46.3250, 48.5077, 53.9357**.

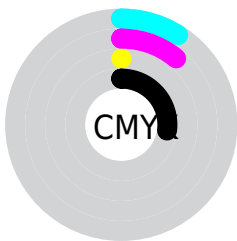
Distribution



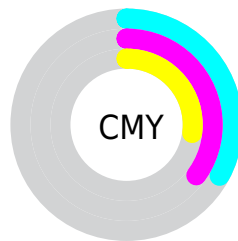
- Red (67%)
- Green (65%)
- Blue (73%)



- Red (67%)
- Yellow (65%)
- Blue (73%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4004, 39.5182, 52.5649 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 39.4004, 39.5182, 52.5649 by changing the saturation by 10% instead.

■ 39.4004, 39.5182,
52.5649

■ 39.4004, 39.5182,
52.5649

334.7678,
344.0887, 413.6324

■ 27.2535, 27.1631,
37.0702

■ 73.5398, 74.4293,
95.3989

■ 17.9013, 17.6957,
24.9656

■ 96.2629, 97.7541,
123.5752

■ 10.9784, 10.7318,
15.8327

123.2422,
125.5042, 156.8159

■ 6.1195, 5.8868,
9.2528

154.8429,
158.0640, 195.5393

■ 2.9592, 2.7764,
4.8073

191.4305,
195.8180, 240.1642

■ 1.1322, 1.0161,
2.0779

233.3703,

■ 0.0518, 0.0000,

239.1505, 291.1090

0.6026

281.0276,
288.4459, 348.7922

■ 0.0000, 0.0000,
0.0000

■ 39.4004, 39.5182,
52.5649

■ 39.4004, 39.5182,
52.5649

■ 33.3070, 31.6931,
51.3763

■ 46.3250, 48.5077,
53.9357

■ 28.0096, 24.9795,
50.3596

■ 54.1075, 58.7016,
55.4931

■ 23.4755, 19.3278,
49.5077

■ 62.7774, 70.1444,
57.2449

■ 19.6681, 14.6825,
48.8118

■ 72.3619, 82.8767,
59.1973

■ 16.5481, 10.9833,
48.2622

■ 81.4332, 94.0292,
60.8718

■ 14.0720, 8.1629,
47.8483

■ 85.9698, 96.3679,
61.0841

■ 12.1911, 6.1453,
47.5580

■ 10.8487, 4.8405,
47.3769

■ 10.0303, 4.1347,
47.2838

Harmonies

Analogous

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



37.5735, 39.5182, 54.1798



39.4004, 39.5182, 52.5649



40.7711, 39.5182, 48.3564

Triad

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



39.4004, 39.5182, 52.5649



39.3778, 39.5182, 34.6902



34.0759, 39.5182, 43.0648

Complementary

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



39.4004, 39.5182, 52.5649



43.9462, 48.2400, 43.0734

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.



34.5237, 39.5182, 38.1073



39.4004, 39.5182, 52.5649



37.5482, 39.5182, 33.5232

Square

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



39.4004, 39.5182, 52.5649



40.7577, 39.5182, 38.0495



35.7795, 39.5182, 34.7216



34.5357, 39.5182, 48.4242

Rectangle

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



39.4004, 39.5182, 52.5649



41.2199, 39.5182, 44.8066



35.7795, 39.5182, 34.7216



34.1251, 39.5182, 41.2983

Sweetspot

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



39.4016, 39.5199, 52.5658



80.5969, 83.7875, 96.1261



41.4453, 45.1930, 53.5531



17.5203, 18.1540, 21.1232



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.4016, 39.5199, 52.5658



68.2877, 67.8384, 93.6964



41.7572, 40.7342, 52.6760



9.2234, 9.3320, 11.9873



6.9658, 2.8771, 32.5811



0.3332, 0.1438, 1.2791

Inverse Universe

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



42.5746, 41.2164, 49.9697



74.8979, 71.3736, 88.2406



41.5802, 47.0203, 42.9626



9.8302, 9.6564, 11.4949



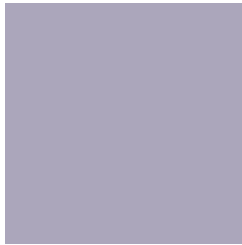
17.5392, 8.6468, 18.6646



0.7110, 0.3483, 0.8571

Previews

White Background



This preview shows how the XYZ color 39.4004, 39.5182, 52.5649 looks on a white background.

Color Contrast Check

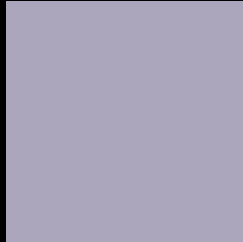
Large Text (above 18pt) WCAG AA × Fail

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 39.4004, 39.5182, 52.5649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

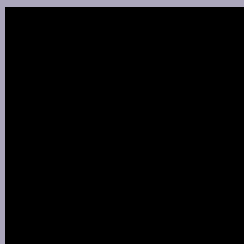
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4004, 39.5182, 52.5649

Background



This preview shows how black text looks on a background with the XYZ color 39.4004, 39.5182, 52.5649.



This preview shows how white text looks on a background with the XYZ color 39.4004, 39.5182,

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

39.4004, 39.5182, 52.5649

Protanopia

38.6217, 39.3753, 53.1416

Deuteranopia

40.1496, 39.3689, 52.4966



Tritanopia

38.6345, 39.4788, 48.7639

Trichromacy



Original Color

39.4004, 39.5182, 52.5649

Protanomaly

39.0443, 39.5931, 53.1613

Deuteranomaly

39.8803, 39.4968, 52.5354

Tritanomaly

38.9435, 39.6024, 50.3912

Monochromacy



Original Color

39.4004, 39.5182, 52.5649

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.6020, 40.0566, 46.7714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4004, 39.5182, 52.5649 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(171, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 187)  
}
```

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(171, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.4004, 39.5182, 52.5649 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(171, 166, 187) }
```


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

```
.border{ border-color:rgb(171, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4004, 39.5182, 52.5649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 187) }
```

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

```
.background{ background-color: rgb(171,  
166, 187) }
```

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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