

Converting Colors

XYZ(39.3556, 40.4811, 55.7319)

Have a look what the booklet for
XYZ(39.3556, 40.4811, 55.7319)
contains.

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Color

**XYZ(39.4062, 40.5546,
55.6201)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AAC0
RGB	165, 170, 192
RGB Percent	65%, 67%, 75%
CMY	0.3529, 0.3333, 0.2471
CMYK	0.14, 0.11, 0.00, 0.25
HSL	229°, 18%, 70%
HSV	229°, 14%, 75%
XYZ	39.4062, 40.5546, 55.6201
YIQ	171.0130, -10.0420, 5.7820

Conversions

Conversions Part 2

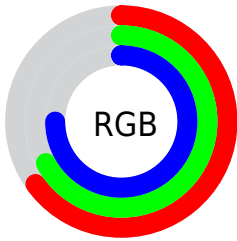
Format	Color
RYB	165, 169, 192
Decimal	10857152
CIELab	69.86, 2.73, -11.84
CIELCh	70, 12.150, 283.000
Yxy	40.5546, 0.2906, 0.2991
Android (android.graphics.Color)	4289047232 (0xFFA5AAC0)
YUV	171.0130, 10.3466, -5.2734
Hunter-Lab	63.6825, -0.9900, -7.2060

Details

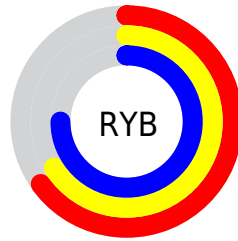
The XYZ color **39.4062, 40.5546, 55.6201** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.3003, 49.4634, 42.7052**, and the grayscale version is **38.6695, 40.6833, 44.3042**.

A 20% lighter version of the original color is **73.3837, 75.8434, 99.5784**, and **17.9487, 18.3317, 27.0185** is the 20% darker color. If you saturate the color by 10%, you get **32.9487, 33.1293, 54.5279**, and if you desaturate by 10%, it is **46.8147, 48.9903, 56.8585**.

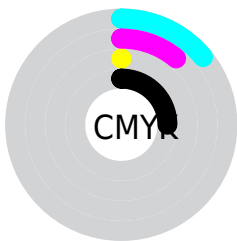
Distribution



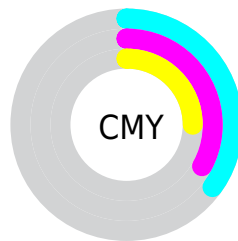
- Red (65%)
- Green (67%)
- Blue (75%)



- Red (65%)
- Yellow (66%)
- Blue (75%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4062, 40.5546, 55.6201 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 39.4062, 40.5546, 55.6201 by changing the saturation by 10% instead.

■ 39.4062, 40.5546,
55.6201

■ 39.4062, 40.5546,
55.6201

334.7919,
348.4556, 425.6063

■ 27.2580, 27.9712,
39.4965

■ 73.5485, 76.0073,
99.9291

■ 17.9047, 18.3040,
26.8354

■ 96.2734, 99.6454,
128.9516

■ 10.9809, 11.1684,
17.2183

123.2546,
127.7372, 163.1108

■ 6.1212, 6.1802,
10.2266

154.8574,
160.6671, 202.8253

■ 2.9603, 2.9550,
5.4419

191.4471,
198.8195, 248.5135

■ 1.1328, 1.1083,
2.4456

233.3892,

■ 0.0523, 0.0000,

242.5788, 300.5940

0.8111

281.0490,
292.3294, 359.4854

■ 0.0000, 0.0000,
0.0000

■ 39.4062, 40.5546,
55.6201

■ 39.4062, 40.5546,
55.6201

■ 32.9487, 33.1293,
54.5279

■ 46.8147, 48.9903,
56.8585

■ 27.3996, 26.6711,
53.5738

■ 55.2070, 58.4672,
58.2454

■ 22.7187, 21.1413,
52.7531

■ 64.6189, 69.0215,
59.7865

■ 18.8611, 16.4963,
52.0599

■ 75.0834, 80.6856,
61.4864

■ 15.7779, 12.6891,
51.4875

■ 84.3890, 92.3347,
63.2444

■ 13.4148, 9.6681,
51.0289

■ 86.5146, 96.5858,
63.9530

■ 11.7101, 7.3758,
50.6763

■ 10.5911, 5.7460,
50.4207

■ 10.1326, 5.0419,
50.3090

Harmonies

Analogous

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



37.4466, 40.5546, 55.3913



39.4062, 40.5546, 55.6201



41.1933, 40.5546, 52.5951

Triad

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



39.4062, 40.5546, 55.6201



41.3895, 40.5546, 37.1497



35.0284, 40.5546, 41.0540

Complementary

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



39.4062, 40.5546, 55.6201



46.3003, 49.4634, 42.7052

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.



36.0145, 40.5546, 36.6735



39.4062, 40.5546, 55.6201



39.6665, 40.5546, 34.5548

Square

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



39.4062, 40.5546, 55.6201



42.3644, 40.5546, 41.7563



37.6983, 40.5546, 34.3883



34.9641, 40.5546, 46.6481

Rectangle

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



39.4062, 40.5546, 55.6201



42.0283, 40.5546, 49.2790



37.6983, 40.5546, 34.3883



35.2615, 40.5546, 39.4029

Sweetspot

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



39.4074, 40.5563, 55.6210



84.8218, 88.7635, 103.0228



43.2943, 49.2701, 54.0184



17.9651, 18.7796, 22.0633



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.4074, 40.5563, 55.6210



67.4623, 68.9692, 100.1170



40.2260, 39.6125, 55.3957



9.6759, 10.0432, 12.7134



6.8605, 3.4776, 33.8663



0.3433, 0.2440, 1.4789

Inverse Universe

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



42.4500, 41.0199, 43.7125



74.1053, 70.0546, 74.1004



45.3851, 50.5946, 42.9718



10.1477, 10.1077, 10.8685



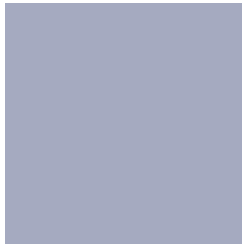
14.8589, 7.6333, 1.9028



0.6657, 0.3393, 0.2068

Previews

White Background



This preview shows how the XYZ color 39.4062, 40.5546, 55.6201 looks on a white background.

Color Contrast Check

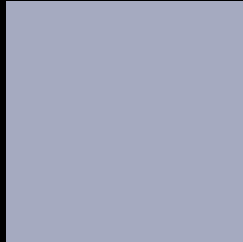
Large Text (above 18pt) WCAG AA × Fail

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 39.4062, 40.5546, 55.6201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

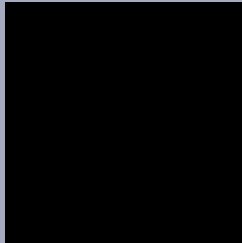
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4062, 40.5546, 55.6201

Background



This preview shows how black text looks on a background with the XYZ color 39.4062, 40.5546, 55.6201.



This preview shows how white text looks on a background with the XYZ color 39.4062, 40.5546,

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

39.4062, 40.5546, 55.6201

Protanopia

39.6387, 40.3972, 55.5774

Deuteranopia

41.3933, 40.4698, 56.0819



Tritanopia

38.6297, 40.5211, 51.6843

Trichromacy



Original Color

39.4062, 40.5546, 55.6201

Protanomaly

39.4283, 40.2887, 55.5676

Deuteranomaly

40.6779, 40.3719, 56.1007

Tritanomaly

38.9499, 40.6492, 53.3701

Monochromacy



Original Color

39.4062, 40.5546, 55.6201

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0618, 40.8155, 48.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4062, 40.5546, 55.6201 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(165, 170, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 170, 192)  
}
```

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(165, 170, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 170, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.4062, 40.5546, 55.6201 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(165, 170, 192) }
```


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

```
.border{ border-color:rgb(165, 170, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 170, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 170, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 170, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 170,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4062, 40.5546, 55.6201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 170, 192) }
```

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

```
.background{ background-color: rgb(165,  
170, 192) }
```

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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