

Converting Colors

XYZ(38.6630, 40.6560, 46.3671)

Have a look what the booklet for
XYZ(38.6630, 40.6560, 46.3671)
contains.

XYZ(38.6630, 40.6560, 46.3671)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.6630, 40.6560,
46.3671)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ABAF
RGB	169, 171, 175
RGB Percent	66%, 67%, 69%
CMY	0.3372, 0.3294, 0.3137
CMYK	0.03, 0.02, 0.00, 0.31
HSL	220°, 4%, 67%
HSV	220°, 3%, 69%
XYZ	38.6630, 40.6560, 46.3671
YIQ	170.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

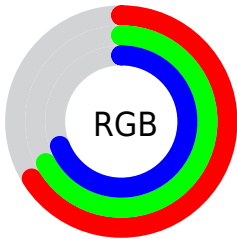
Format	Color
RYB	169, 171, 175
Decimal	11119535
CIELab	69.93, 0.07, -2.31
CIELCh	70, 2.307, 271.642
Yxy	40.6560, 0.3076, 0.3235
Android (android.graphics.Color)	4289309615 (0xFFA9ABAF)
YUV	170.8580, 2.0420, -1.6295
Hunter-Lab	63.7621, -3.3477, 1.5184

Details

The XYZ color **38.6630, 40.6560, 46.3671** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7843, 41.8653, 43.5208**, and the grayscale version is **38.6294, 40.6411, 44.2582**.

A 20% lighter version of the original color is **72.2198, 75.9532, 85.7170**, and **17.5081, 18.4056, 21.3688** is the 20% darker color. If you saturate the color by 10%, you get **33.0513, 34.6377, 45.5018**, and if you desaturate by 10%, it is **44.9738, 47.3253, 47.3224**.

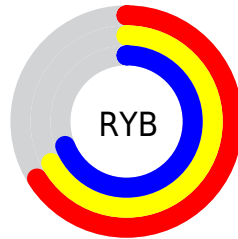
Distribution



Red (66%)

Green (67%)

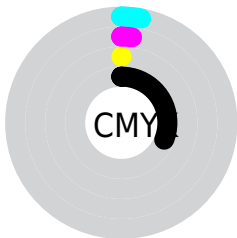
Blue (69%)



Red (66%)

Yellow (67%)

Blue (69%)

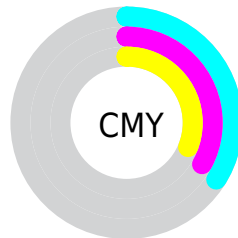


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (34%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6630, 40.6560, 46.3671 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 38.6630, 40.6560, 46.3671 by changing the saturation by 10% instead.

■ 38.6630, 40.6560,
46.3671

■ 38.6630, 40.6560,
46.3671

331.6875,
348.8808, 388.6029

■ 26.6772, 28.0504,
32.1848

■ 72.4206, 76.1614,
86.1082

■ 17.4663, 18.3636,
21.2367

■ 94.9231, 99.8300,
112.5041

■ 10.6648, 11.2114,
13.1042

121.6619,
127.9551, 143.8083

■ 5.9076, 6.2092,
7.3688

153.0023,
160.9209, 180.4394

■ 2.8291, 2.9727,
3.6119

189.3097,
199.1121, 222.8159

■ 1.0640, 1.1175,
1.4149

230.9495,

■ 0.0000, 0.0000,

242.9128, 271.3562

0.1533

278.2869,
292.7076, 326.4791

■ 0.0000, 0.0000,
0.0000

■ 38.6630, 40.6560,
46.3671

■ 38.6630, 40.6560,
46.3671

■ 33.0513, 34.6377,
45.5018

■ 44.9738, 47.3253,
47.3224

■ 28.1105, 29.2452,
44.7214

■ 52.0038, 54.6598,
48.3676

■ 23.8153, 24.4587,
44.0239

■ 59.7765, 62.6796,
49.5059

■ 20.1376, 20.2558,
43.4065

■ 68.3133, 71.4023,
50.7396

■ 17.0472, 16.6123,
42.8661

■ 77.0800, 80.5591,
52.0450

■ 14.5110, 13.5024,
42.3995

■ 80.4207, 87.2405,
53.1586

■ 12.4925, 10.8979,
42.0032

■ 83.9822, 94.3637,
54.3458

■ 10.9502, 8.7673,
41.6732

■ 84.7380, 95.8752,
54.5977

■ 9.8353, 7.0749,
41.4053

Harmonies

Analogous

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



38.3003, 40.6560, 46.1125



38.6630, 40.6560, 46.3671



39.0224, 40.6560, 46.0516

Triad

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



38.6630, 40.6560, 46.3671



39.2604, 40.6560, 43.1914



38.0103, 40.6560, 43.2924

Complementary

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



38.6630, 40.6560, 46.3671



39.7843, 41.8653, 43.5208

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.



38.2647, 40.6560, 42.5300



38.6630, 40.6560, 46.3671



38.9863, 40.6560, 42.4724

Square

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



38.6630, 40.6560, 46.3671



39.3686, 40.6560, 44.2083



38.6216, 40.6560, 42.2322



37.9250, 40.6560, 44.3267

Rectangle

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



38.6630, 40.6560, 46.3671



39.2113, 40.6560, 45.5634



38.6216, 40.6560, 42.2322



38.0788, 40.6560, 42.9964

Sweetspot

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



38.6642, 40.6577, 46.3680



71.8538, 75.5871, 83.4395



39.2260, 42.1089, 45.5455



15.9837, 16.8142, 18.5474



84.5950, 89.0005, 96.9216



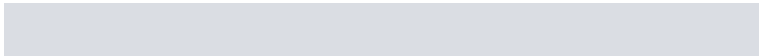
16.2198, 17.0645, 18.5832

Same Dimension

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



38.6642, 40.6577, 46.3680



68.5640, 72.0902, 82.9380



38.4825, 40.0067, 46.2519



8.3753, 8.8050, 10.2108



6.6913, 4.5164, 29.5636



0.2373, 0.2280, 0.8395

Inverse Universe

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



39.2188, 40.4310, 44.2670



69.7391, 71.6144, 78.4856



39.9699, 42.5354, 43.6403



8.5403, 8.7388, 9.5856



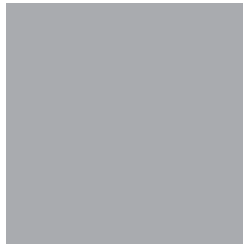
13.2411, 6.7590, 3.6490



0.3942, 0.1984, 0.2375

Previews

White Background



This preview shows how the XYZ color 38.6630, 40.6560, 46.3671 looks on a white background.

Color Contrast Check

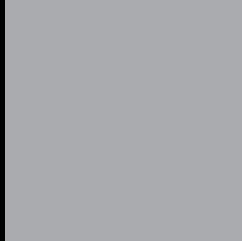
Large Text (above 18pt) WCAG AA × Fail

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 38.6630, 40.6560, 46.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

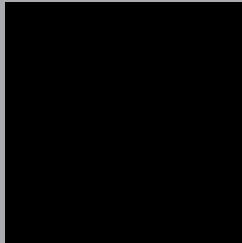
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6630, 40.6560, 46.3671

Background



This preview shows how black text looks on a background with the XYZ color 38.6630, 40.6560, 46.3671.



This preview shows how white text looks on a background with the XYZ color 38.6630, 40.6560,

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

38.6630, 40.6560, 46.3671

Protanopia

39.2483, 40.6897, 45.8297

Deuteranopia

41.4803, 40.7213, 46.7480



Tritanopia

39.4995, 40.7144, 50.5766

Trichromacy



Original Color

38.6630, 40.6560, 46.3671

Protanomaly

39.0280, 40.5761, 45.8194

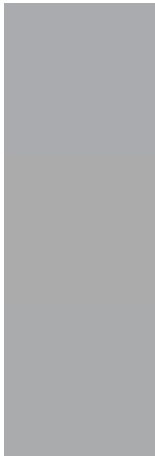
Deuteranomaly

40.4295, 40.7236, 46.8039

Tritanomaly

39.1905, 40.5908, 48.9493

Monochromacy



Original Color

38.6630, 40.6560, 46.3671

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5869, 40.6504, 44.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6630, 40.6560, 46.3671 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(169, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 175)  
}
```

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(169, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 175) }
```

Border

The CSS property to change the border of an element to XYZ 38.6630, 40.6560, 46.3671 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(169, 171, 175) }
```


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

```
.border{ border-color:rgb(169, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6630, 40.6560, 46.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 175) }
```

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

```
.background{ background-color: rgb(169,  
171, 175) }
```

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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