

Converting Colors

XYZ(37.5750, 41.1660, 47.5609)

Have a look what the booklet for
XYZ(37.5750, 41.1660, 47.5609)
contains.

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Color

**XYZ(37.5639, 41.2052,
47.5685)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAFB1
RGB	159, 175, 177
RGB Percent	62%, 69%, 69%
CMY	0.3765, 0.3137, 0.3059
CMYK	0.10, 0.01, 0.00, 0.31
HSL	187°, 10%, 66%
HSV	187°, 10%, 69%
XYZ	37.5639, 41.2052, 47.5685
YIQ	170.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

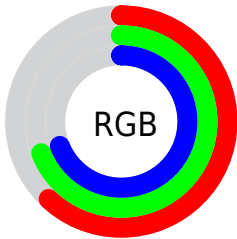
Format	Color
RYB	159, 167, 177
Decimal	10465201
CIELab	70.32, -5.14, -2.93
CIElCh	70, 5.916, 209.697
Yxy	41.2052, 0.2973, 0.3262
Android (android.graphics.Color)	4288655281 (0xFF9FAFB1)
YUV	170.4440, 3.2321, -10.0364
Hunter-Lab	64.1913, -7.8789, 0.9975

Details

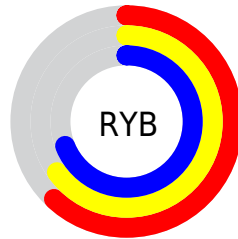
The XYZ color **37.5639, 41.2052, 47.5685** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1346, 37.3399, 38.0518**, and the grayscale version is **38.4191, 40.4199, 44.0172**.

A 20% lighter version of the original color is **71.0155, 77.3312, 88.2743**, and **16.7845, 18.7470, 21.8027** is the 20% darker color. If you saturate the color by 10%, you get **33.9230, 38.7660, 47.2902**, and if you desaturate by 10%, it is **41.7154, 43.9181, 47.8740**.

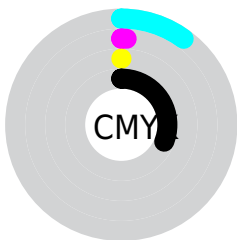
Distribution



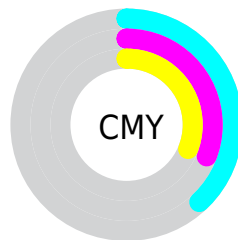
- Red (62%)
- Green (69%)
- Blue (69%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5639, 41.2052, 47.5685 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 37.5639, 41.2052, 47.5685 by changing the saturation by 10% instead.

■ 37.5639, 41.2052,
47.5685

■ 37.5639, 41.2052,
47.5685

327.0588,
351.1775, 393.5385

■ 25.8201, 28.4795,
33.1277

■ 70.7474, 76.9953,
87.9204

■ 16.8211, 18.6874,
21.9524

■ 92.9178, 100.8284,
114.6687

■ 10.2015, 11.4446,
13.6239

119.2945,
129.1328, 146.3566

■ 5.5961, 6.3667,
7.7238

150.2428,
162.2929, 183.4025

■ 2.6394, 3.0693,
3.8335

186.1279,
200.6930, 226.2252

■ 0.9661, 1.1680,
1.5345

227.3155,

■ 0.0000, 0.0354,

244.7175, 275.2430

0.2434

274.1706,
294.7509, 330.8746

■ 0.0000, 0.0000,
0.0000

■ 37.5639, 41.2052,
47.5685

■ 37.5639, 41.2052,
47.5685

■ 33.9230, 38.7660,
47.2902

■ 41.7154, 43.9181,
47.8740

■ 30.7678, 36.5842,
47.0354

■ 46.3939, 46.9099,
48.2049

■ 28.0768, 34.6500,
46.8039

■ 51.6195, 50.1921,
48.5630

■ 25.8253, 32.9504,
46.5945

■ 57.4103, 53.7740,
48.9491

■ 23.9863, 31.4716,
46.4060

■ 63.7834, 57.6645,
49.3642

■ 22.5298, 30.1982,
46.2370

■ 66.9014, 59.8853,
49.6285

■ 21.4220, 29.1125,
46.0858

■ 67.3203, 60.7232,
49.7682

■ 20.6226, 28.1938,
45.9506

■ 67.7450, 61.5725,
49.9097

■ 20.0539, 27.4104,
45.8293

■ 68.1754, 62.4333,
50.0532

Harmonies

Analogous

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



37.3258, 41.2052, 44.8372



37.5639, 41.2052, 47.5685



38.2293, 41.2052, 49.6449

Triad

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



37.5639, 41.2052, 47.5685



40.7994, 41.2052, 47.6194



39.1742, 41.2052, 39.7253

Complementary

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



37.5639, 41.2052, 47.5685



37.1346, 37.3399, 38.0518

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.



40.1145, 41.2052, 40.4031



37.5639, 41.2052, 47.5685



41.0622, 41.2052, 44.8937

Square

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



37.5639, 41.2052, 47.5685



40.0971, 41.2052, 49.6751



40.8095, 41.2052, 42.2668



38.2461, 41.2052, 40.3767

Rectangle

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



37.5639, 41.2052, 47.5685



38.8312, 41.2052, 50.3378



40.8095, 41.2052, 42.2668



39.4994, 41.2052, 39.8049

Sweetspot

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



37.5651, 41.2069, 47.5694



72.4720, 77.2046, 85.5776



36.4364, 41.3821, 39.6938



15.5750, 16.6463, 18.5365



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.



37.5651, 41.2069, 47.5694



65.8763, 72.8706, 85.0887



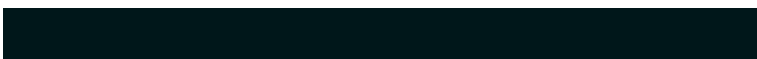
35.9073, 37.8913, 47.0168



8.6605, 9.4673, 10.8772



14.5571, 19.9145, 33.2136



0.4808, 0.6721, 1.0526

Inverse Universe

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



38.2684, 37.2394, 45.7304



67.3725, 64.4781, 81.1660



38.7274, 40.5256, 38.5828



8.8086, 8.6302, 10.4905



17.5824, 8.5505, 24.0246



0.5647, 0.2736, 0.8165

Previews

White Background



This preview shows how the XYZ color 37.5639, 41.2052, 47.5685 looks on a white background.

Color Contrast Check

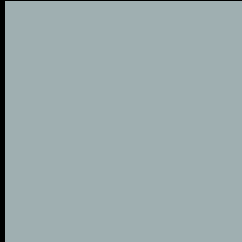
Large Text (above 18pt) WCAG AA × Fail

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 37.5639, 41.2052, 47.5685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

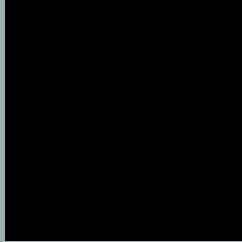
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

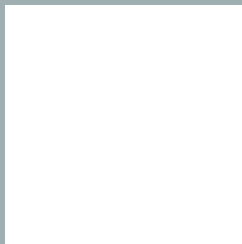
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5639, 41.2052, 47.5685

Background



This preview shows how black text looks on a background with the XYZ color 37.5639, 41.2052, 47.5685.



This preview shows how white text looks on a background with the XYZ color 37.5639, 41.2052,

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

37.5639, 41.2052, 47.5685

Protanopia

39.7563, 41.2196, 46.4182

Deuteranopia

41.9630, 41.2064, 48.3898



Tritanopia

38.6112, 41.0521, 52.9025

Trichromacy



Original Color

37.5639, 41.2052, 47.5685

Protanomaly

38.9512, 41.0747, 46.9495

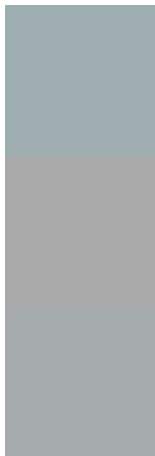
Deuteranomaly

40.3151, 41.1939, 47.9459

Tritanomaly

38.1805, 41.1646, 50.7330

Monochromacy



Original Color

37.5639, 41.2052, 47.5685

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.0212, 40.6292, 45.3734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5639, 41.2052, 47.5685 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(159, 175, 177) looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 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(159, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 177) }
```

Border

The CSS property to change the border of an element to XYZ 37.5639, 41.2052, 47.5685 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(159, 175, 177) }
```


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

```
.border{ border-color:rgb(159, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5639, 41.2052, 47.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 177) }
```

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

```
.background{ background-color: rgb(159,  
175, 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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