

Converting Colors

XYZ(38.3164, 41.8515, 47.9097)

Have a look what the booklet for
XYZ(38.3164, 41.8515, 47.9097)
contains.

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Color

**XYZ(38.3614, 41.9064,
47.6618)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B0B1
RGB	162, 176, 177
RGB Percent	64%, 69%, 69%
CMY	0.3647, 0.3098, 0.3059
CMYK	0.08, 0.01, 0.00, 0.31
HSL	184°, 9%, 66%
HSV	184°, 8%, 69%
XYZ	38.3614, 41.9064, 47.6618
YIQ	171.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

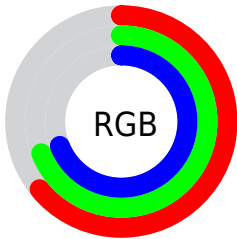
Format	Color
R_{YB}	162, 169, 177
Decimal	10662065
CIE Lab	70.81, -4.66, -2.19
CIE LCh	71, 5.148, 205.181
Yxy	41.9064, 0.2999, 0.3276
Android (android.graphics.Color)	4288852145 (0xFFA2B0B1)
YUV	171.9280, 2.5005, -8.7069
Hunter-Lab	64.7352, -7.5092, 1.6618

Details

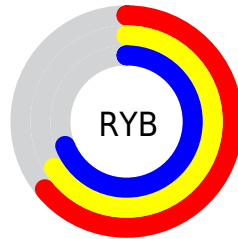
The XYZ color **38.3614, 41.9064, 47.6618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7503, 38.1497, 39.5569**, and the grayscale version is **39.1681, 41.2079, 44.8754**.

A 20% lighter version of the original color is **72.1799, 78.3481, 88.4092**, and **17.2761, 19.1855, 21.8614** is the 20% darker color. If you saturate the color by 10%, you get **34.7866, 39.7237, 47.4296**, and if you desaturate by 10%, it is **42.4467, 44.3575, 47.9202**.

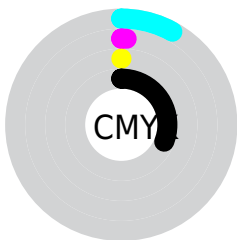
Distribution



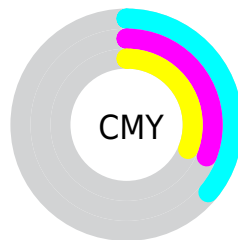
- Red (64%)
- Green (69%)
- Blue (69%)



- Red (64%)
- Yellow (66%)
- Blue (69%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3614, 41.9064, 47.6618 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 38.3614, 41.9064, 47.6618 by changing the saturation by 10% instead.

■ 38.3614, 41.9064,
47.6618

■ 38.3614, 41.9064,
47.6618

330.4219,
354.0948, 393.9200

■ 26.4418, 29.0280,
33.2011

■ 71.9621, 78.0579,
88.0609

■ 17.2888, 19.1020,
22.0081

■ 94.3738, 102.0999,
114.8364

■ 10.5372, 11.7440,
13.6645

121.0137,
130.6318, 146.5539

■ 5.8216, 6.5696,
7.7516

152.2470,
164.0381, 183.6319

■ 2.7765, 3.1944,
3.8509

188.4391,
202.7031, 226.4890

■ 1.0367, 1.2341,
1.5439

229.9554,

■ 0.0000, 0.0893,

247.0113, 275.5436

0.2503

277.1612,
297.3471, 331.2145

■ 0.0000, 0.0000,
0.0000

■ 38.3614, 41.9064,
47.6618

■ 38.3614, 41.9064,
47.6618

■ 34.7866, 39.7237,
47.4296

■ 42.4467, 44.3575,
47.9202

■ 31.6977, 37.7933,
47.2198

■ 47.0587, 47.0820,
48.2030

■ 29.0734, 36.1054,
47.0323

■ 52.2173, 50.0913,
48.5120

■ 26.8894, 34.6473,
46.8660

■ 57.9404, 53.3946,
48.8480

■ 25.1192, 33.4056,
46.7196

■ 64.2450, 57.0006,
49.2117

■ 23.7335, 32.3650,
46.5917

■ 66.1224, 58.3273,
49.3688

■ 22.6989, 31.5083,
46.4809

■ 66.3662, 58.8149,
49.4501

■ 21.9768, 30.8156,
46.3853

■ 66.6120, 59.3066,
49.5321

■ 21.5000, 30.2523,
46.3017

■ 66.8599, 59.8023,
49.6147

Harmonies

Analogous

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



38.2149, 41.9064, 45.2346



38.3614, 41.9064, 47.6618



38.8994, 41.9064, 49.6046

Triad

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



38.3614, 41.9064, 47.6618



41.1958, 41.9064, 48.3705



39.9690, 41.9064, 41.0961

Complementary

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



38.3614, 41.9064, 47.6618



37.7503, 38.1497, 39.5569

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.



40.7769, 41.9064, 41.8716



38.3614, 41.9064, 47.6618



41.4916, 41.9064, 46.0256

Square

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



38.3614, 41.9064, 47.6618



40.5344, 41.9064, 50.0240



41.3372, 41.9064, 43.6547



39.1353, 41.9064, 41.4992

Rectangle

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



38.3614, 41.9064, 47.6618



39.4118, 41.9064, 50.3339



41.3372, 41.9064, 43.6547



40.2527, 41.9064, 41.2267

Sweetspot

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



38.3626, 41.9082, 47.6627



72.5568, 77.3741, 85.6058



37.2115, 41.7617, 40.6331



15.5981, 16.6926, 18.5442



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.



38.3626, 41.9082, 47.6627



67.5558, 74.3586, 85.2874



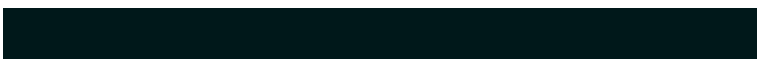
36.9782, 39.1393, 47.2013



8.6933, 9.5329, 10.8882



15.5468, 21.8940, 33.5435



0.5035, 0.7176, 1.0602

Inverse Universe

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



38.8891, 38.3231, 46.4239



68.6769, 66.7483, 82.6443



39.0753, 40.7996, 39.9986



8.8252, 8.6368, 10.5777



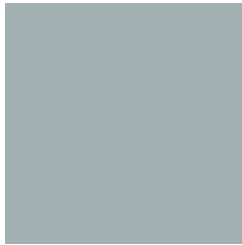
18.0820, 8.7503, 26.6553



0.5762, 0.2782, 0.8769

Previews

White Background



This preview shows how the XYZ color 38.3614, 41.9064, 47.6618 looks on a white background.

Color Contrast Check

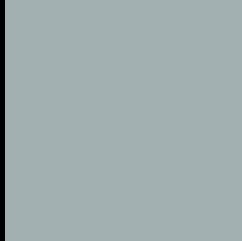
Large Text (above 18pt) WCAG AA × Fail

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 38.3614, 41.9064, 47.6618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

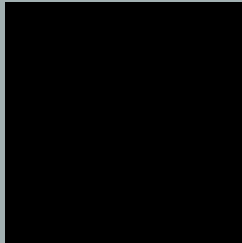
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

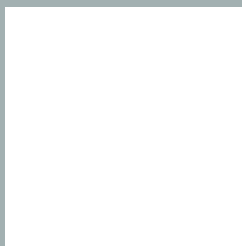
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3614, 41.9064, 47.6618

Background



This preview shows how black text looks on a background with the XYZ color 38.3614, 41.9064, 47.6618.



This preview shows how white text looks on a background with the XYZ color 38.3614, 41.9064,

47.6618.

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

38.3614, 41.9064, 47.6618

Protanopia

40.1696, 41.7142, 46.4919

Deuteranopia

42.6328, 41.8247, 48.4738



Tritanopia

39.5230, 41.7955, 53.5612

Trichromacy



Original Color

38.3614, 41.9064, 47.6618

Protanomaly

39.3576, 41.5678, 47.0233

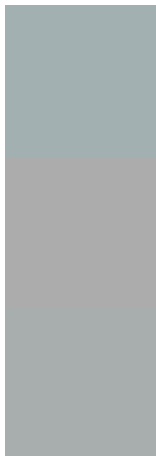
Deuteranomaly

40.9589, 41.8051, 48.0299

Tritanomaly

39.0860, 41.9072, 51.3762

Monochromacy



Original Color

38.3614, 41.9064, 47.6618

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7320, 41.2680, 45.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3614, 41.9064, 47.6618 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(162, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 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(162, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 177) }
```

Border

The CSS property to change the border of an element to XYZ 38.3614, 41.9064, 47.6618 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(162, 176, 177) }
```


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

```
.border{ border-color:rgb(162, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3614, 41.9064, 47.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 177) }
```

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

```
.background{ background-color: rgb(162,  
176, 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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