

Converting Colors

XYZ(38.4655, 42.1226, 41.6603)

Have a look what the booklet for
XYZ(38.4655, 42.1226, 41.6603)
contains.

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Color

**XYZ(38.4653, 42.0921,
41.6946)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B0A5
RGB	168, 176, 165
RGB Percent	66%, 69%, 65%
CMY	0.3412, 0.3098, 0.3529
CMYK	0.05, 0.00, 0.06, 0.31
HSL	104°, 7%, 67%
HSV	104°, 6%, 69%
XYZ	38.4653, 42.0921, 41.6946
YIQ	172.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

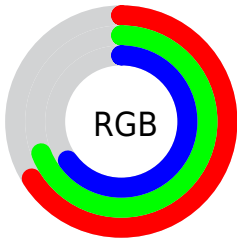
Format	Color
RYB	165, 176, 173
Decimal	11055269
CIELab	70.93, -4.88, 4.65
CIELCh	71, 6.740, 136.353
Yxy	42.0921, 0.3146, 0.3443
Android (android.graphics.Color)	4289245349 (0xFFA8B0A5)
YUV	172.3540, -3.6255, -3.8185
Hunter-Lab	64.8784, -7.7077, 7.3117

Details

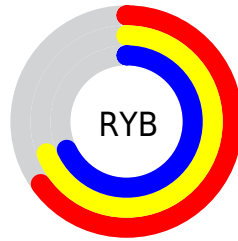
The XYZ color **38.4653, 42.0921, 41.6946** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5269, 38.9303, 46.5602**, and the grayscale version is **39.4112, 41.4637, 45.1540**.

A 20% lighter version of the original color is **72.2063, 78.5685, 79.0697**, and **17.3907, 19.3206, 18.4354** is the 20% darker color. If you saturate the color by 10%, you get **34.3799, 40.1597, 33.7086**, and if you desaturate by 10%, it is **43.0419, 44.2546, 50.8562**.

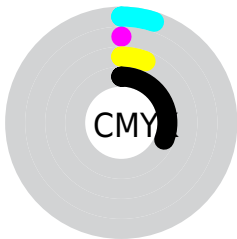
Distribution



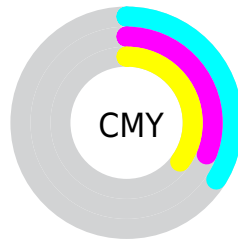
- Red (66%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4653, 42.0921, 41.6946 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 38.4653, 42.0921, 41.6946 by changing the saturation by 10% instead.

■ 38.4653, 42.0921,
41.6946

■ 38.4653, 42.0921,
41.6946

330.8582,
354.8646, 368.9776

■ 26.5229, 29.1734,
28.5384

■ 72.1201, 78.3390,
79.0023

■ 17.3499, 19.2120,
18.4894

■ 94.5631, 102.4360,
103.9909

■ 10.5812, 11.8236,
11.1288

121.2371,
131.0279, 133.7608

■ 5.8511, 6.6237,
6.0383

152.5074,
164.4991, 168.7304

■ 2.7946, 3.2279,
2.7992

188.7392,
203.2339, 209.3184

■ 1.0461, 1.2518,
0.9930

230.2981,

■ 0.0000, 0.1034,

247.6169, 255.9432

0.0000

277.5493,
298.0323, 309.0235

■ 0.0000, 0.0000,
0.0000

■ 38.4653, 42.0921,
41.6946

■ 38.4653, 42.0921,
41.6946

■ 34.3799, 40.1597,
33.7086

■ 43.0419, 44.2546,
50.8562

■ 30.7655, 38.4446,
26.8480

■ 48.1221, 46.6491,
61.2355

■ 27.6058, 36.9404,
21.0630

■ 53.7221, 49.2842,
72.8757

■ 24.8818, 35.6388,
16.2989

■ 59.8565, 52.1664,
85.8173

■ 22.5734, 34.5306,
12.4964

■ 66.5390, 55.3022,
100.0988

■ 20.6589, 33.6059,
9.5899

■ 71.1676, 57.6514,
101.9846

■ 19.1140, 32.8541,
7.5057

■ 74.8162, 59.5323,
102.1554

■ 17.9119, 32.2629,
6.1583

■ 17.0190, 31.8177,
5.4339

Harmonies

Analogous

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



39.4025, 42.0921, 40.1505



38.4653, 42.0921, 41.6946



37.9457, 42.0921, 44.3877

Triad

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



38.4653, 42.0921, 41.6946



39.5001, 42.0921, 52.1060



42.1148, 42.0921, 44.1122

Complementary

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



38.4653, 42.0921, 41.6946



38.5269, 38.9303, 46.5602

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.



42.1422, 42.0921, 47.3055



38.4653, 42.0921, 41.6946



40.6182, 42.0921, 52.0238

Square

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



38.4653, 42.0921, 41.6946



38.5356, 42.0921, 50.4524



41.5899, 42.0921, 50.2326



41.5160, 42.0921, 41.5011

Rectangle

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



38.4653, 42.0921, 41.6946



37.8997, 42.0921, 46.5187



41.5899, 42.0921, 50.2326



42.1916, 42.0921, 45.1504

Sweetspot

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



38.4665, 42.0939, 41.6955



73.1508, 77.9419, 82.3586



39.6190, 41.7910, 41.5763



15.8727, 16.9006, 17.8880



84.5950, 89.0005, 96.9216



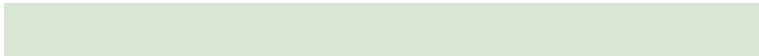
16.2198, 17.0645, 18.5832

Same Dimension

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



38.4665, 42.0939, 41.6955



68.2951, 75.6470, 72.7219



38.0542, 41.8561, 42.8196



8.5992, 9.5985, 9.0520



12.3343, 23.2686, 3.8412



0.4454, 0.7617, 0.1235

Inverse Universe

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



38.5269, 38.9303, 46.5602



68.4359, 68.2697, 84.0657



38.9638, 39.1826, 45.3599



8.6196, 8.5279, 10.6981



12.3418, 5.6982, 30.5864



0.4407, 0.2063, 0.9648

Previews

White Background



This preview shows how the XYZ color 38.4653, 42.0921, 41.6946 looks on a white background.

Color Contrast Check

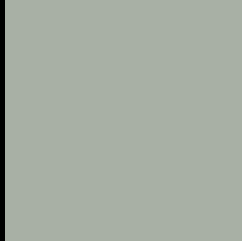
Large Text (above 18pt) WCAG AA × Fail

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 38.4653, 42.0921, 41.6946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

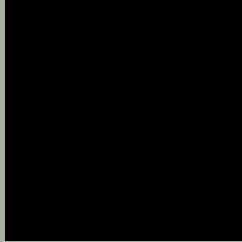
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

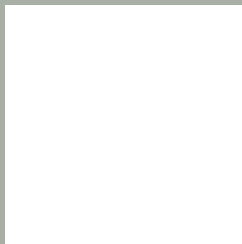
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4653, 42.0921, 41.6946

Background



This preview shows how black text looks on a background with the XYZ color 38.4653, 42.0921, 41.6946.



This preview shows how white text looks on a background with the XYZ color 38.4653, 42.0921,

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

38.4653, 42.0921, 41.6946

Protanopia

40.1448, 42.1152, 40.6635

Deuteranopia

42.9700, 42.1327, 42.4269



Tritanopia

40.6011, 42.0902, 52.4387

Trichromacy



Original Color

38.4653, 42.0921, 41.6946

Protanomaly

39.5161, 42.0664, 41.1589

Deuteranomaly

41.2130, 42.0693, 42.0244

Tritanomaly

39.7495, 42.0325, 48.1375

Monochromacy



Original Color

38.4653, 42.0921, 41.6946

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8996, 41.4096, 43.4787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4653, 42.0921, 41.6946 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(168, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 165)  
}
```

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(168, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 165) }
```

Border

The CSS property to change the border of an element to XYZ 38.4653, 42.0921, 41.6946 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(168, 176, 165) }
```


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

```
.border{ border-color:rgb(168, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4653, 42.0921, 41.6946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 165) }
```

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

```
.background{ background-color: rgb(168,  
176, 165) }
```

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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