

Converting Colors

XYZ(36.9489, 41.5968, 42.2368)

Have a look what the booklet for
XYZ(36.9489, 41.5968, 42.2368)
contains.

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Color

**XYZ(36.9032, 41.5684,
42.1549)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB1A6
RGB	159, 177, 166
RGB Percent	62%, 69%, 65%
CMY	0.3765, 0.3059, 0.3490
CMYK	0.10, 0.00, 0.06, 0.31
HSL	143°, 10%, 66%
HSV	143°, 10%, 69%
XYZ	36.9032, 41.5684, 42.1549
YIQ	170.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

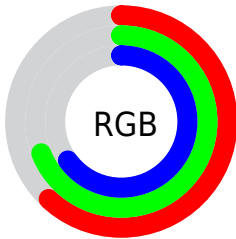
Format	Color
RYB	159, 172, 177
Decimal	10465702
CIELab	70.57, -8.39, 3.50
CIElCh	71, 9.092, 157.388
Yxy	41.5684, 0.3059, 0.3446
Android (android.graphics.Color)	4288655782 (0xFF9FB1A6)
YUV	170.3640, -2.1515, -9.9662
Hunter-Lab	64.4736, -10.6594, 6.3658

Details

The XYZ color **36.9032, 41.5684, 42.1549** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7869, 37.0468, 43.1914**, and the grayscale version is **38.4041, 40.4041, 44.0001**.

A 20% lighter version of the original color is **69.9216, 77.7944, 79.7372**, and **16.4293, 18.8184, 18.6860** is the 20% darker color. If you saturate the color by 10%, you get **32.6905, 39.5077, 36.9939**, and if you desaturate by 10%, it is **41.7044, 43.9251, 47.7810**.

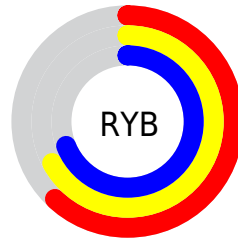
Distribution



Red (62%)

Green (69%)

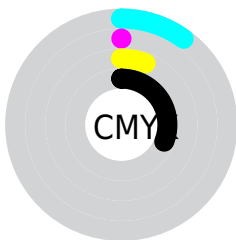
Blue (65%)



Red (62%)

Yellow (67%)

Blue (69%)

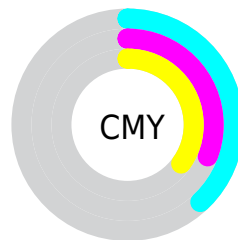


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9032, 41.5684, 42.1549 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 36.9032, 41.5684, 42.1549 by changing the saturation by 10% instead.

■ 36.9032, 41.5684,
42.1549

■ 36.9032, 41.5684,
42.1549

324.2541,
352.6907, 370.9432

■ 25.3059, 28.7635,
28.8961

■ 69.7387, 77.5460,
79.7066

■ 16.4350, 18.9020,
18.7574

■ 91.7076, 101.4875,
104.8367

■ 9.9253, 11.5995,
11.3200

117.8643,
129.9099, 134.7609

■ 5.4114, 6.4716,
6.1657

148.5743,
163.1977, 169.8978

■ 2.5278, 3.1339,
2.8757

184.2030,
201.7353, 210.6659

■ 0.9093, 1.2020,
1.0315

225.1156,

■ 0.0000, 0.0634,

245.9071, 257.4838

0.0000

271.6775,
296.0974, 310.7701

■ 0.0000, 0.0000,
0.0000

■ 36.9032, 41.5684,
42.1549

■ 36.9032, 41.5684,
42.1549

■ 32.6905, 39.5077,
36.9939

■ 41.7044, 43.9251,
47.7810

■ 29.0395, 37.7261,
32.2835

■ 47.1125, 46.5837,
53.8807

■ 25.9265, 36.2125,
28.0123

■ 53.1496, 49.5564,
60.4660

■ 23.3246, 34.9536,
24.1675

■ 59.8354, 52.8533,
67.5473

■ 21.2046, 33.9345,
20.7357

■ 67.1889, 56.4838,
75.1349

■ 19.5341, 33.1387,
17.7027

■ 71.3739, 58.4703,
83.0584

■ 18.2766, 32.5478,
15.0535

■ 72.9490, 59.1003,
91.3527

■ 17.3893, 32.1399,
12.7718

■ 74.6202, 59.7688,
100.1530

■ 16.7916, 31.8733,
10.8687

■ 75.0129, 59.9259,
102.2210

Harmonies

Analogous

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



37.7818, 41.5684, 39.0026



36.9032, 41.5684, 42.1549



36.7143, 41.5684, 46.3328

Triad

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



36.9032, 41.5684, 42.1549



39.8820, 41.5684, 53.9681



41.8487, 41.5684, 40.4225

Complementary

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



36.9032, 41.5684, 42.1549



37.7869, 37.0468, 43.1914

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.



42.4431, 41.5684, 44.2058



36.9032, 41.5684, 42.1549



41.2891, 41.5684, 52.1553

Square

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



36.9032, 41.5684, 42.1549



38.4096, 41.5684, 53.3330



42.2357, 41.5684, 48.5159



40.6303, 41.5684, 38.0474

Rectangle

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



36.9032, 41.5684, 42.1549



37.0005, 41.5684, 49.1730



42.2357, 41.5684, 48.5159



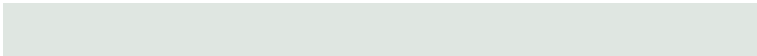
42.1295, 41.5684, 41.5620

Sweetspot

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



36.9044, 41.5702, 42.1558



72.1013, 77.3948, 82.5818



38.5809, 42.5067, 38.9727



15.4741, 16.6984, 17.7206



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.



36.9044, 41.5702, 42.1558



64.4723, 73.6540, 73.5488



37.7497, 41.9083, 46.6074



8.5212, 9.5430, 9.7384



12.1934, 23.1033, 8.0214



0.4127, 0.7386, 0.4055

Inverse Universe

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



37.7869, 37.0468, 43.1914



66.3428, 64.0662, 75.7435



36.9728, 36.7212, 38.9045



8.7072, 8.5896, 9.9567



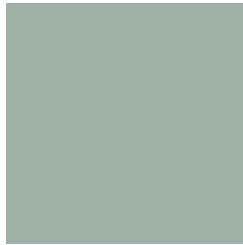
15.1353, 7.5717, 11.1384



0.5038, 0.2493, 0.4957

Previews

White Background



This preview shows how the XYZ color 36.9032, 41.5684, 42.1549 looks on a white background.

Color Contrast Check

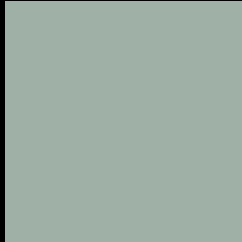
Large Text (above 18pt) WCAG AA × Fail

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 36.9032, 41.5684, 42.1549 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

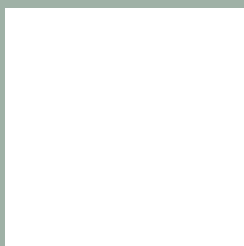
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9032, 41.5684, 42.1549

Background



This preview shows how black text looks on a background with the XYZ color 36.9032, 41.5684, 42.1549.

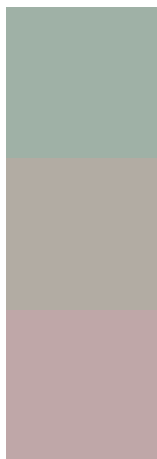


This preview shows how white text looks on a background with the XYZ color 36.9032, 41.5684,

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

36.9032, 41.5684, 42.1549

Protanopia

39.7235, 41.6144, 40.5891

Deuteranopia

42.3725, 41.5410, 42.8307



Tritanopia

39.3174, 41.6895, 53.5516

Trichromacy



Original Color

36.9032, 41.5684, 42.1549

Protanomaly

38.6315, 41.6104, 41.1175

Deuteranomaly

40.1284, 41.4995, 42.4544

Tritanomaly

38.4685, 41.6366, 49.1892

Monochromacy



Original Color

36.9032, 41.5684, 42.1549

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.8309, 40.8587, 43.4287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9032, 41.5684, 42.1549 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, 177, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 177, 166)  
}
```

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, 177, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 177, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.9032, 41.5684, 42.1549 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, 177, 166) }
```


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

```
.border{ border-color:rgb(159, 177, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 177, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 177, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 177, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 177,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9032, 41.5684, 42.1549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 177, 166) }
```

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

```
.background{ background-color: rgb(159,  
177, 166) }
```

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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