

Converting Colors

XYZ(38.4575, 41.0084, 35.7852)

Have a look what the booklet for
XYZ(38.4575, 41.0084, 35.7852)
contains.

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Color

**XYZ(38.5515, 41.1192,
35.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AC98
RGB	177, 172, 152
RGB Percent	69%, 67%, 60%
CMY	0.3059, 0.3255, 0.4039
CMYK	0.00, 0.03, 0.14, 0.31
HSL	48°, 14%, 65%
HSV	48°, 14%, 69%
XYZ	38.5515, 41.1192, 35.6107
YIQ	171.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

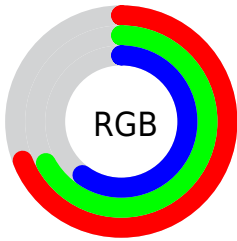
Format	Color
RYB	158, 177, 152
Decimal	11644056
CIELab	70.26, -1.69, 10.93
CIELCh	70, 11.057, 98.801
Yxy	41.1192, 0.3344, 0.3567
Android (android.graphics.Color)	4289834136 (0xFFB1AC98)
YUV	171.2150, -9.4730, 5.0734
Hunter-Lab	64.1243, -4.9032, 11.9609

Details

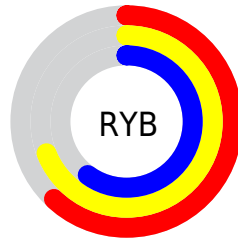
The XYZ color **38.5515, 41.1192, 35.6107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9416, 33.9630, 46.4146**, and the grayscale version is **38.8605, 40.8843, 44.5230**.

A 20% lighter version of the original color is **72.2139, 76.7180, 69.3945**, and **17.3776, 18.6576, 14.9973** is the 20% darker color. If you saturate the color by 10%, you get **36.5448, 39.2549, 28.3155**, and if you desaturate by 10%, it is **40.7947, 43.1095, 44.0532**.

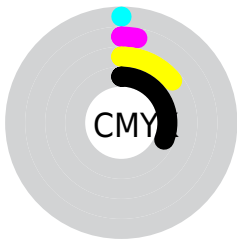
Distribution



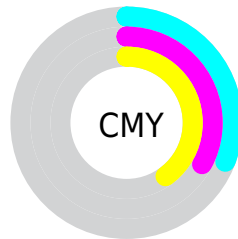
- Red (69%)
- Green (67%)
- Blue (60%)



- Red (62%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (31%)





- Cyan (31%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5515, 41.1192, 35.6107 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 38.5515, 41.1192, 35.6107 by changing the saturation by 10% instead.


 38.5515, 41.1192,
35.6107


 38.5515, 41.1192,
35.6107


331.2200,
350.8186, 342.2416

 26.5902, 28.4122,
23.8464

 72.2511, 76.8648,
69.5930

 17.4006, 18.6366,
15.0086


 94.7201, 100.6722,
92.6481

 10.6176, 11.4080,
8.6787


121.4224,
128.9486, 120.3039

 5.8757, 6.3420,
4.4383

152.7232,
162.0784, 152.9788

 2.8096, 3.0541,
1.8687

188.9881,
200.4458, 191.0915

 1.0539, 1.1601,
0.4727

230.5822,

 0.0000, 0.0287,

244.4354, 235.0605

0.0000

277.8711,
294.4315, 285.3044

■ 0.0000, 0.0000,
0.0000

■ 38.5515, 41.1192,
35.6107

■ 38.5515, 41.1192,
35.6107

■ 36.5448, 39.2549,
28.3155

■ 40.7947, 43.1095,
44.0532

■ 34.7616, 37.5072,
22.1144

■ 43.2803, 45.2242,
53.6874

■ 33.1926, 35.8733,
16.9544

■ 46.0178, 47.4689,
64.5589

■ 31.8265, 34.3486,
12.7767

■ 49.0155, 49.8469,
76.7099

■ 30.6510, 32.9280,
9.5166

■ 52.2811, 52.3616,
90.1807

■ 29.6522, 31.6055,
7.1019

■ 55.3021, 54.8083,
102.2721

■ 28.8140, 30.3747,
5.4492

■ 56.0947, 56.3935,
102.5363

■ 28.1174, 29.2275,
4.4583

■ 56.9062, 58.0163,
102.8067

■ 27.7492, 28.5825,
4.0544

■ 57.7366, 59.6772,
103.0835

Harmonies

Analogous

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



40.3570, 41.1192, 36.0920



38.5515, 41.1192, 35.6107



36.9381, 41.1192, 37.4317

Triad

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



38.5515, 41.1192, 35.6107



36.4277, 41.1192, 51.3252



42.4244, 41.1192, 48.4808

Complementary

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



38.5515, 41.1192, 35.6107



32.9416, 33.9630, 46.4146

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.



41.3084, 41.1192, 53.0138



38.5515, 41.1192, 35.6107



37.8352, 41.1192, 54.7423

Square

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



38.5515, 41.1192, 35.6107



35.7371, 41.1192, 46.3171



39.6185, 41.1192, 55.3830



42.6306, 41.1192, 43.2613

Rectangle

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



38.5515, 41.1192, 35.6107



36.1753, 41.1192, 39.7956



39.6185, 41.1192, 55.3830



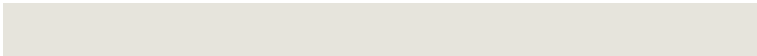
42.1416, 41.1192, 50.1465

Sweetspot

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



38.5526, 41.1210, 35.6116



73.0850, 77.2275, 78.9870



35.4460, 34.2385, 36.6393



15.7711, 16.6776, 16.8594



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.



38.5526, 41.1210, 35.6116



67.8627, 72.5642, 59.4231



37.8597, 42.2021, 35.8568



9.0499, 9.6124, 9.0309



20.1485, 20.7955, 2.9520



0.6707, 0.7278, 0.1051

Inverse Universe

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



32.9416, 33.9630, 46.4146



55.8280, 57.2121, 82.5959



33.5620, 33.0536, 46.2064



8.1750, 8.4961, 10.7154



6.2288, 3.2579, 30.4375



0.2362, 0.1830, 0.9711

Previews

White Background



This preview shows how the XYZ color 38.5515, 41.1192, 35.6107 looks on a white background.

Color Contrast Check

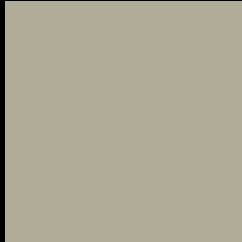
Large Text (above 18pt) WCAG AA × Fail

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 38.5515, 41.1192, 35.6107 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

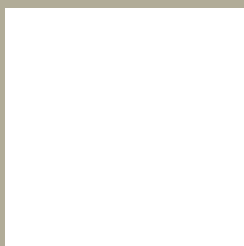
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5515, 41.1192, 35.6107

Background



This preview shows how black text looks on a background with the XYZ color 38.5515, 41.1192, 35.6107.



This preview shows how white text looks on a background with the XYZ color 38.5515, 41.1192,

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

38.5515, 41.1192, 35.6107

Protanopia

38.8208, 40.9765, 35.5689

Deuteranopia

41.8917, 41.1744, 35.8765



Tritanopia

41.3992, 41.1652, 49.4798

Trichromacy



Original Color

38.5515, 41.1192, 35.6107

Protanomaly

38.5905, 40.8578, 35.5582

Deuteranomaly

40.4914, 40.9965, 35.9160

Tritanomaly

40.2661, 40.9815, 43.8182

Monochromacy



Original Color

38.5515, 41.1192, 35.6107

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4973, 40.6904, 40.9470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5515, 41.1192, 35.6107 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(177, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 152)  
}
```

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(177, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 152) }
```

Border

The CSS property to change the border of an element to XYZ 38.5515, 41.1192, 35.6107 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(177, 172, 152) }
```


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

```
.border{ border-color:rgb(177, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5515, 41.1192, 35.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 152) }
```

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

```
.background{ background-color: rgb(177,  
172, 152) }
```

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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