

Converting Colors

XYZ(41.0970, 43.5519, 48.3609)

Have a look what the booklet for
XYZ(41.0970, 43.5519, 48.3609)
contains.

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Color

**XYZ(41.2136, 43.6573,
48.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB1B2
RGB	174, 177, 178
RGB Percent	68%, 69%, 70%
CMY	0.3176, 0.3059, 0.3020
CMYK	0.02, 0.01, 0.00, 0.30
HSL	195°, 3%, 69%
HSV	195°, 2%, 70%
XYZ	41.2136, 43.6573, 48.3740
YIQ	176.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

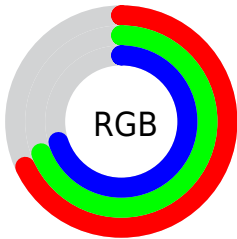
Format	Color
RYB	174, 176, 178
Decimal	11448754
CIELab	72.00, -0.86, -0.89
CIELCh	72, 1.235, 225.912
Yxy	43.6573, 0.3093, 0.3276
Android (android.graphics.Color)	4289638834 (0xFFAEB1B2)
YUV	176.2170, 0.8790, -1.9443
Hunter-Lab	66.0737, -4.2892, 2.8440

Details

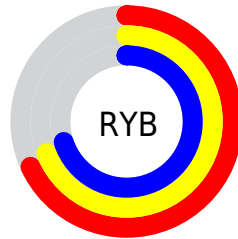
The XYZ color **41.2136, 43.6573, 48.3740** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3302, 43.1805, 46.2014**, and the grayscale version is **41.3774, 43.5323, 47.4066**.

A 20% lighter version of the original color is **76.3033, 80.8764, 89.4310**, and **18.9354, 20.0335, 22.2709** is the 20% darker color. If you saturate the color by 10%, you get **36.6460, 40.0238, 47.9141**, and if you desaturate by 10%, it is **46.3378, 47.6225, 48.8699**.

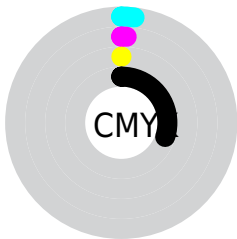
Distribution



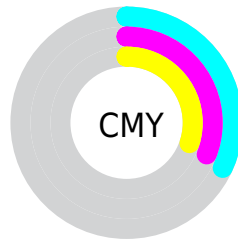
- Red (68%)
- Green (69%)
- Blue (70%)



- Red (68%)
- Yellow (69%)
- Blue (70%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2136, 43.6573, 48.3740 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 41.2136, 43.6573, 48.3740 by changing the saturation by 10% instead.

■ 41.2136, 43.6573,
48.3740

■ 41.2136, 43.6573,
48.3740

342.2599,
361.3080, 396.8241

■ 28.6744, 30.4012,
33.7611

■ 76.2807, 80.7018,
89.1323

■ 18.9777, 20.1433,
22.4342

99.5393, 105.2590,
116.1148

■ 11.7581, 12.4992,
13.9750

127.1019,
134.3520, 148.0575

■ 6.6502, 7.0846,
7.9647

159.3336,
168.3652, 185.3791

■ 3.2887, 3.5151,
3.9849

196.5999,
207.6830, 228.4980

■ 1.3082, 1.4062,
1.6171

239.2662,

■ 0.1893, 0.2213,

252.6898, 277.8327

0.3030

287.6977,
303.7700, 333.8019

■ 0.0000, 0.0000,
0.0000

■ 41.2136, 43.6573,
48.3740

■ 41.2136, 43.6573,
48.3740

■ 36.6460, 40.0238,
47.9141

■ 46.3378, 47.6225,
48.8699

■ 32.6103, 36.7052,
47.4862

■ 52.0344, 51.9243,
49.4000

■ 29.0859, 33.6916,
47.0903

■ 58.3234, 56.5746,
49.9662

■ 26.0488, 30.9704,
46.7251

■ 65.2225, 61.5828,
50.5692

■ 23.4735, 28.5279,
46.3894

■ 69.7432, 65.4088,
51.0694

■ 21.3318, 26.3493,
46.0818

■ 70.7804, 67.4832,
51.4152

■ 19.5923, 24.4178,
45.8006

■ 71.8476, 69.6177,
51.7709

■ 18.2191, 22.7146,
45.5443

■ 72.9451, 71.8126,
52.1368

■ 17.1696, 21.2172,
45.3106

■ 74.0731, 74.0687,
52.5128

Harmonies

Analogous

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



41.1064, 43.6573, 47.8543



41.2136, 43.6573, 48.3740



41.3964, 43.6573, 48.6701

Triad

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



41.2136, 43.6573, 48.3740



41.8893, 43.6573, 47.8185



41.3839, 43.6573, 46.4278

Complementary

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



41.2136, 43.6573, 48.3740



41.3302, 43.1805, 46.2014

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.



41.5937, 43.6573, 46.4184



41.2136, 43.6573, 48.3740



41.8859, 43.6573, 47.2179

Square

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



41.2136, 43.6573, 48.3740



41.7868, 43.6573, 48.3476



41.7776, 43.6573, 46.7065



41.2045, 43.6573, 46.7323

Rectangle

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



41.2136, 43.6573, 48.3740



41.5367, 43.6573, 48.6993



41.7776, 43.6573, 46.7065



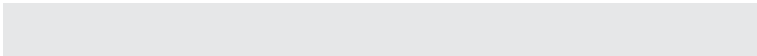
41.4532, 43.6573, 46.3901

Sweetspot

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



41.2148, 43.6592, 48.3750



75.8270, 80.0235, 87.8307



41.1080, 43.9327, 46.8371



16.8101, 17.7375, 19.4599



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



41.2148, 43.6592, 48.3750



74.0360, 78.6197, 87.6542



40.8351, 42.8997, 48.2484



9.1414, 9.7275, 10.9021



11.8646, 14.5295, 32.3161



0.4162, 0.5430, 1.0311

Inverse Universe

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



41.4329, 42.9123, 47.6963



74.5713, 76.7933, 85.9871



41.7097, 43.9396, 46.3280



9.2226, 9.4514, 10.6491



16.2233, 8.0069, 16.8680



0.5321, 0.2606, 0.6448

Previews

White Background



This preview shows how the XYZ color 41.2136, 43.6573, 48.3740 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 41.2136, 43.6573, 48.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

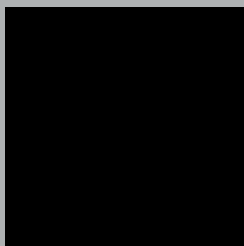
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2136, 43.6573, 48.3740

Background



This preview shows how black text looks on a background with the XYZ color 41.2136, 43.6573, 48.3740.

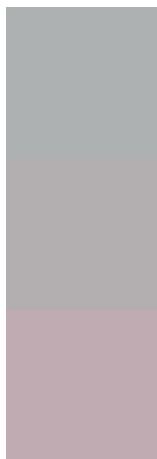


This preview shows how white text looks on a background with the XYZ color 41.2136, 43.6573,

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

41.2136, 43.6573, 48.3740

Protanopia

41.8562, 43.4180, 47.7694

Deuteranopia

44.4378, 43.5870, 48.7188



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

41.2136, 43.6573, 48.3740

Protanomaly

41.5926, 43.5721, 47.8131

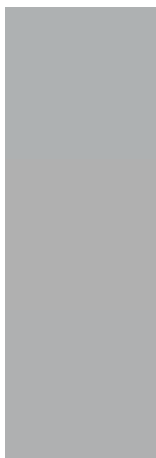
Deuteranomaly

43.0878, 43.4561, 48.7647

Tritanomaly

41.9615, 43.6674, 52.1160

Monochromacy



Original Color

41.2136, 43.6573, 48.3740

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1403, 43.3390, 47.7919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2136, 43.6573, 48.3740 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(174, 177, 178) looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 178)  
}
```

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(174, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.2136, 43.6573, 48.3740 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(174, 177, 178) }
```


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

```
.border{ border-color:rgb(174, 177, 178) }
```

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

Here you see how a box with a 4 pixel rgb(174, 177, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2136, 43.6573, 48.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 178) }
```

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

```
.background{ background-color: rgb(174,  
177, 178) }
```

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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