

Converting Colors

XYZ(40.3608, 48.0250, 41.7928)

Have a look what the booklet for
XYZ(40.3608, 48.0250, 41.7928)
contains.

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Color

**XYZ(40.3608, 48.0250,
41.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C0A3
RGB	162, 192, 163
RGB Percent	64%, 75%, 64%
CMY	0.3647, 0.2470, 0.3608
CMYK	0.16, 0.00, 0.15, 0.25
HSL	122°, 19%, 69%
HSV	122°, 16%, 75%
XYZ	40.3608, 48.0250, 41.7928
YIQ	179.7240, -8.5710, -15.3790

Conversions

Conversions Part 2

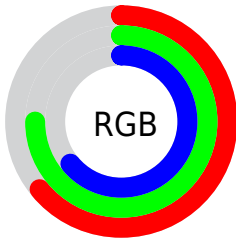
Format	Color
RYB	162, 191, 192
Decimal	10666147
CIELab	74.84, -15.74, 11.27
CIELCh	75, 19.358, 144.384
Yxy	48.0250, 0.3100, 0.3689
Android (android.graphics.Color)	4288856227 (0xFFA2C0A3)
YUV	179.7240, -8.2449, -15.5439
Hunter-Lab	69.3001, -17.3156, 12.7540

Details

The XYZ color **40.3608, 48.0250, 41.7928** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.0643, 40.8099, 54.8472**, and the grayscale version is **43.2816, 45.5356, 49.5883**.

A 20% lighter version of the original color is **74.8376, 86.9485, 79.1680**, and **18.3881, 22.6397, 18.4397** is the 20% darker color. If you saturate the color by 10%, you get **35.2116, 45.5501, 33.4989**, and if you desaturate by 10%, it is **46.3522, 50.9086, 51.4022**.

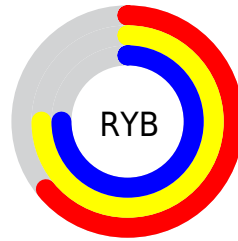
Distribution



Red (64%)

Green (75%)

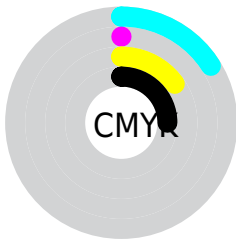
Blue (64%)



Red (64%)

Yellow (75%)

Blue (75%)

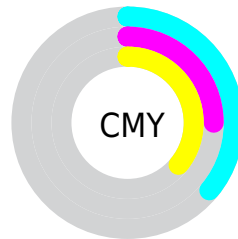


Cyan (16%)

Magenta (0%)

Yellow (15%)

Black (25%)



Cyan (36%)


Magenta (25%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3608, 48.0250, 41.7928 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 40.3608, 48.0250, 41.7928 by changing the saturation by 10% instead.


 40.3608, 48.0250,
41.7928


 40.3608, 48.0250,
41.7928


338.7503,
378.8912, 369.3976

 28.0054, 33.8467,
28.6147


 74.9935, 87.2416,
79.1526

 18.4702, 22.7758,
18.5465


 98.0015, 113.0487,
104.1715

 11.3898, 14.4281,
11.1696


125.2911,
143.5009, 133.9743

 6.3989, 8.4190,
6.0654

157.2276,
178.9825, 168.9797

 3.1321, 4.3642,
2.8155

194.1765,
219.8779, 209.6062

 1.2240, 1.8793,
1.0012

236.5030,

 0.1252, 0.5359,

266.5716, 256.2723

0.0000

284.5725,
319.4479, 309.3966

■ 0.0000, 0.0000,
0.0000

■ 40.3608, 48.0250,
41.7928

■ 40.3608, 48.0250,
41.7928

■ 35.2116, 45.5501,
33.4989

■ 46.3522, 50.9086,
51.4022

■ 30.8633, 43.4598,
26.4603

■ 53.2171, 54.2118,
62.3775

■ 27.2768, 41.7365,
20.6168

■ 60.9900, 57.9526,
74.7703

■ 24.4081, 40.3590,
15.9021

■ 69.7022, 62.1462,
88.6286

■ 22.2091, 39.3041,
12.2434

■ 78.1406, 66.1811,
103.2635

■ 20.6253, 38.5454,
9.5593

■ 19.5942, 38.0526,
7.7568

■ 19.0385, 37.7885,
6.7246

■ 18.8856, 37.7152,
6.4682

Harmonies

Analogous

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



42.9079, 48.0250, 36.5446



40.3608, 48.0250, 41.7928



39.2347, 48.0250, 50.4164

Triad

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



40.3608, 48.0250, 41.7928



44.9870, 48.0250, 74.0583



52.0945, 48.0250, 44.6877

Complementary

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



40.3608, 48.0250, 41.7928



44.0643, 40.8099, 54.8472

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.



52.7210, 48.0250, 54.2117



40.3608, 48.0250, 41.7928



48.4988, 48.0250, 72.0136

Square

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



40.3608, 48.0250, 41.7928



41.8161, 48.0250, 69.6902



51.3743, 48.0250, 64.4148



49.7036, 48.0250, 38.0594

Rectangle

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



40.3608, 48.0250, 41.7928



39.3974, 48.0250, 57.2571



51.3743, 48.0250, 64.4148



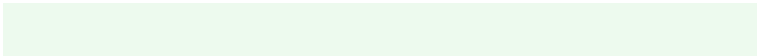
52.5234, 48.0250, 47.6208

Sweetspot

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



40.3621, 48.0270, 41.7939



84.6214, 92.5460, 94.1547



46.8592, 51.3867, 41.6319



17.9768, 19.7689, 19.9154



92.9021, 97.7402, 106.4391



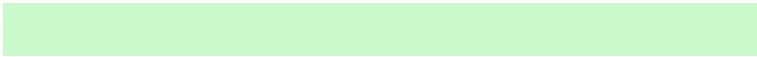
19.4759, 20.4902, 22.3138

Same Dimension

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



40.3621, 48.0270, 41.7939



69.5245, 85.2839, 69.9250



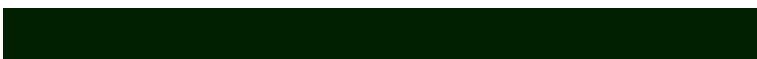
41.7873, 48.5971, 49.2987



9.9577, 11.2641, 10.7808



12.7131, 25.3793, 4.3824



0.5541, 1.0985, 0.2146

Inverse Universe

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



44.0643, 40.8099, 54.8472



77.6000, 69.5405, 98.3978



42.4966, 40.1828, 46.5919



10.4823, 10.2415, 12.6305



20.5687, 9.9172, 31.9702



0.8933, 0.4303, 1.4057

Previews

White Background



This preview shows how the XYZ color 40.3608, 48.0250, 41.7928 looks on a white background.

Color Contrast Check

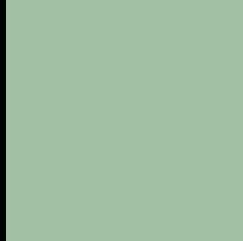
Large Text (above 18pt) WCAG AA × Fail

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 40.3608, 48.0250, 41.7928 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 40.3608, 48.0250, 41.7928

Background



This preview shows how black text looks on a background with the XYZ color 40.3608, 48.0250, 41.7928.



This preview shows how white text looks on a background with the XYZ color 40.3608, 48.0250,

41.7928.

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

40.3608, 48.0250, 41.7928

Protanopia

45.1838, 47.7076, 39.6279

Deuteranopia

48.6175, 47.6074, 42.7031



Tritanopia

44.4614, 48.0825, 62.1958

Trichromacy



Original Color

40.3608, 48.0250, 41.7928

Protanomaly

43.1955, 47.6010, 40.1690

Deuteranomaly

45.0053, 47.2489, 42.3452

Tritanomaly

42.8931, 48.0900, 54.0353

Monochromacy



Original Color

40.3608, 48.0250, 41.7928

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.0141, 46.2212, 46.7516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3608, 48.0250, 41.7928 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, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 192, 163)  
}
```

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, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 192, 163) }
```

Border

The CSS property to change the border of an element to XYZ 40.3608, 48.0250, 41.7928 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, 192, 163) }
```


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

```
.border{ border-color:rgb(162, 192, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 192, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 192, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 192, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 192,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3608, 48.0250, 41.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 192, 163) }
```

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

```
.background{ background-color: rgb(162,  
192, 163) }
```

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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