

Converting Colors

XYZ(40.6078, 44.1491, 48.3329)

Have a look what the booklet for
XYZ(40.6078, 44.1491, 48.3329)
contains.

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Color

**XYZ(40.7193, 44.2919,
48.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B4B2
RGB	169, 180, 178
RGB Percent	66%, 71%, 70%
CMY	0.3373, 0.2941, 0.3020
CMYK	0.06, 0.00, 0.01, 0.29
HSL	169°, 7%, 68%
HSV	169°, 6%, 71%
XYZ	40.7193, 44.2919, 48.5225
YIQ	176.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

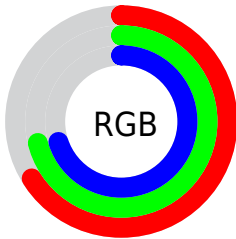
Format	Color
RYB	169, 175, 180
Decimal	11121842
CIELab	72.42, -4.21, -0.31
CIELCh	72, 4.219, 184.233
Yxy	44.2919, 0.3049, 0.3317
Android (android.graphics.Color)	4289311922 (0xFFA9B4B2)
YUV	176.4830, 0.7479, -6.5626
Hunter-Lab	66.5522, -7.2528, 3.3588

Details

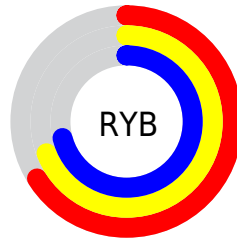
The XYZ color **40.7193, 44.2919, 48.5225** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3627, 41.0206, 44.3206**, and the grayscale version is **41.5185, 43.6807, 47.5683**.

A 20% lighter version of the original color is **75.5872, 81.7787, 89.6429**, and **18.6272, 20.4413, 22.3658** is the 20% darker color. If you saturate the color by 10%, you get **36.7956, 42.3079, 46.6426**, and if you desaturate by 10%, it is **45.1851, 46.5569, 50.4707**.

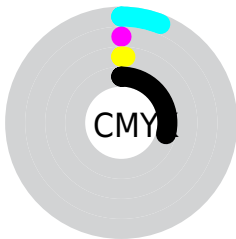
Distribution



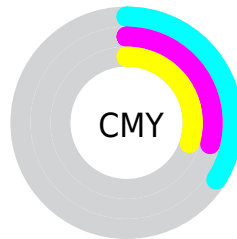
- Red (66%)
- Green (71%)
- Blue (70%)



- Red (66%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7193, 44.2919, 48.5225 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 40.7193, 44.2919, 48.5225 by changing the saturation by 10% instead.

■ 40.7193, 44.2919,
48.5225

■ 40.7193, 44.2919,
48.5225

340.2287,
363.8981, 397.4278

■ 28.2865, 30.9001,
33.8779

■ 75.5350, 81.6568,
89.3555

■ 18.6833, 20.5228,
22.5232

■ 98.6486, 106.3986,
116.3810

■ 11.5443, 12.7756,
14.0399

126.0533,
135.6926, 148.3705

■ 6.5042, 7.2742,
8.0093

158.1142,
169.9231, 185.7426

■ 3.1976, 3.6342,
4.0131

195.1969,
209.4745, 228.9158

■ 1.2591, 1.4711,
1.6325

237.6666,

■ 0.1523, 0.2683,

254.7312, 278.3088

0.3139

285.8888,
306.0776, 334.3399

■ 0.0000, 0.0000,
0.0000

■ 40.7193, 44.2919,
48.5225

■ 40.7193, 44.2919,
48.5225

■ 36.7956, 42.3079,
46.6426

■ 45.1851, 46.5569,
50.4707

■ 33.3885, 40.5882,
44.8267

■ 50.2095, 49.1077,
52.4854

■ 30.4761, 39.1226,
43.0744

■ 55.8133, 51.9562,
54.5688

■ 28.0337, 37.8983,
41.3843

■ 62.0147, 55.1119,
56.7220

■ 26.0341, 36.9015,
39.7548

■ 67.3431, 57.8166,
58.8765

■ 24.4474, 36.1166,
38.1842

■ 67.7162, 57.9659,
60.8416

■ 23.2400, 35.5265,
36.6707

■ 68.0976, 58.1184,
62.8496

■ 22.3730, 35.1109,
35.2121

■ 68.4871, 58.2742,
64.9010

■ 21.7954, 34.8437,
33.8057

■ 68.8850, 58.4334,
66.9960

Harmonies

Analogous

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



40.8517, 44.2919, 46.5068



40.7193, 44.2919, 48.5225



40.9529, 44.2919, 50.5139

Triad

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



40.7193, 44.2919, 48.5225



42.8895, 44.2919, 51.6127



42.7088, 44.2919, 44.7099

Complementary

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



40.7193, 44.2919, 48.5225



40.3627, 41.0206, 44.3206

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.



43.2645, 44.2919, 46.0089



40.7193, 44.2919, 48.5225



43.3697, 44.2919, 49.9878

Square

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



40.7193, 44.2919, 48.5225



42.2014, 44.2919, 52.3303



43.5077, 44.2919, 47.9314



41.9950, 44.2919, 44.3428

Rectangle

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



40.7193, 44.2919, 48.5225



41.2863, 44.2919, 51.5484



43.5077, 44.2919, 47.9314



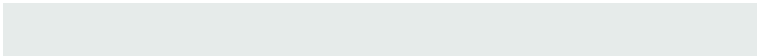
42.9205, 44.2919, 45.0501

Sweetspot

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



40.7206, 44.2938, 48.5235



77.0123, 81.9216, 89.4041



40.2823, 44.1688, 43.9390



16.6639, 17.7157, 19.3317



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.



40.7206, 44.2938, 48.5235



73.0708, 79.9248, 87.6300



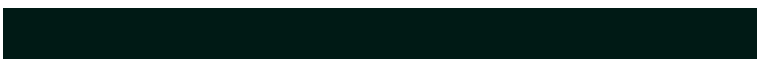
40.2286, 42.9856, 49.3591



8.8419, 9.6890, 10.6259



15.1023, 24.2669, 23.3395



0.4925, 0.7704, 0.8253

Inverse Universe

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



40.3627, 41.0206, 44.3206



72.3201, 73.0587, 78.8137



40.8300, 42.2586, 43.5415



8.7467, 8.8183, 9.5079



13.3447, 6.8554, 1.7093



0.4388, 0.2233, 0.1533

Previews

White Background



This preview shows how the XYZ color 40.7193, 44.2919, 48.5225 looks on a white background.

Color Contrast Check

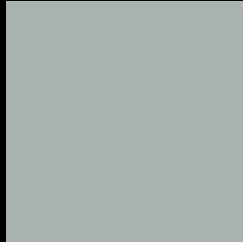
Large Text (above 18pt) WCAG AA × Fail

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 40.7193, 44.2919, 48.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

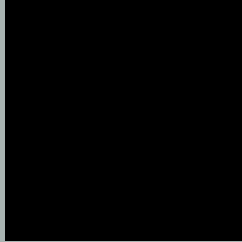
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

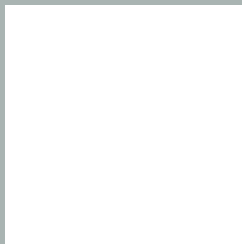
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7193, 44.2919, 48.5225

Background



This preview shows how black text looks on a background with the XYZ color 40.7193, 44.2919, 48.5225.

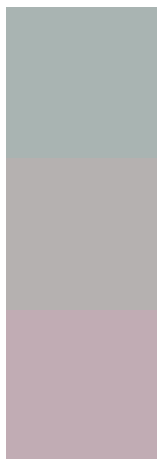


This preview shows how white text looks on a background with the XYZ color 40.7193, 44.2919,

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

40.7193, 44.2919, 48.5225

Protanopia

42.6147, 44.4026, 47.3988

Deuteranopia

44.9831, 44.1378, 49.3286



Tritanopia

42.2294, 44.3045, 56.1951

Trichromacy



Original Color

40.7193, 44.2919, 48.5225

Protanomaly

41.9877, 44.3622, 47.9448

Deuteranomaly

43.2338, 44.1050, 48.8823

Tritanomaly

41.6673, 44.3741, 53.3827

Monochromacy



Original Color

40.7193, 44.2919, 48.5225

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8915, 43.5028, 47.8366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7193, 44.2919, 48.5225 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(169, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(169, 180, 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(169, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 180, 178) }
```

Border

The CSS property to change the border of an element to XYZ 40.7193, 44.2919, 48.5225 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(169, 180, 178) }
```


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

```
.border{ border-color:rgb(169, 180, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(169, 180,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7193, 44.2919, 48.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 180, 178) }
```

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

```
.background{ background-color: rgb(169,  
180, 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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