

Converting Colors

XYZ(41.0134, 43.9953, 48.6946)

Have a look what the booklet for
XYZ(41.0134, 43.9953, 48.6946)
contains.

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Color

**XYZ(41.1692, 44.2252,
48.4859)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB3B2
RGB	172, 179, 178
RGB Percent	67%, 70%, 70%
CMY	0.3255, 0.2980, 0.3020
CMYK	0.04, 0.00, 0.01, 0.30
HSL	171°, 4%, 69%
HSV	171°, 4%, 70%
XYZ	41.1692, 44.2252, 48.4859
YIQ	176.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

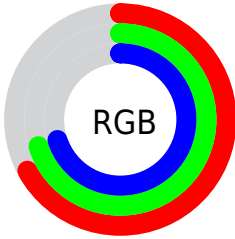
Format	Color
RYB	172, 176, 179
Decimal	11318194
CIELab	72.38, -2.63, -0.35
CIELCh	72, 2.656, 187.563
Yxy	44.2252, 0.3075, 0.3303
Android (android.graphics.Color)	4289508274 (0xFFACB3B2)
YUV	176.7930, 0.5951, -4.2035
Hunter-Lab	66.5020, -5.8751, 3.3237

Details

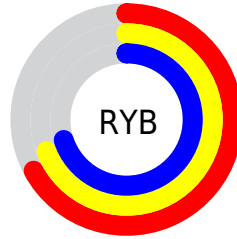
The XYZ color **41.1692, 44.2252, 48.4859** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8874, 42.1070, 45.5098**, and the grayscale version is **41.6808, 43.8514, 47.7542**.

A 20% lighter version of the original color is **76.2382, 81.6881, 89.5911**, and **18.9083, 20.3954, 22.3422** is the 20% darker color. If you saturate the color by 10%, you get **37.2474, 42.2342, 46.9719**, and if you desaturate by 10%, it is **45.6275, 46.4947, 50.0520**.

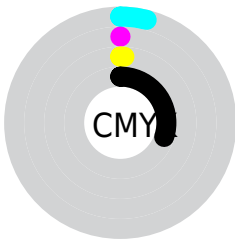
Distribution



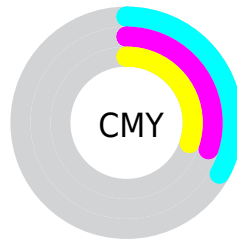
- Red (67%)
- Green (70%)
- Blue (70%)



- Red (67%)
- Yellow (69%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1692, 44.2252, 48.4859 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 41.1692, 44.2252, 48.4859 by changing the saturation by 10% instead.

■ 41.1692, 44.2252,
48.4859

■ 41.1692, 44.2252,
48.4859

342.0778,
363.6265, 397.2790

■ 28.6396, 30.8476,
33.8491

■ 76.2138, 81.5565,
89.3005

■ 18.9512, 20.4828,
22.5013

99.4594, 106.2790,
116.3154

■ 11.7388, 12.7465,
14.0239

127.0078,
135.5519, 148.2934

■ 6.6370, 7.2542,
7.9983

159.2242,
169.7596, 185.6530

■ 3.2805, 3.6216,
4.0061

196.4741,
209.2865, 228.8129

■ 1.3038, 1.4642,
1.6287

239.1227,

■ 0.1860, 0.2633,

254.5171, 278.1915

0.3112

287.5355,
305.8356, 334.2073

■ 0.0000, 0.0000,
0.0000

■ 41.1692, 44.2252,
48.4859

■ 41.1692, 44.2252,
48.4859

■ 37.2474, 42.2342,
46.9719

■ 45.6275, 46.4947,
50.0520

■ 33.8374, 40.5052,
45.5058

■ 50.6384, 49.0474,
51.6683

■ 30.9180, 39.0285,
44.0876

■ 56.2220, 51.8947,
53.3368

■ 28.4650, 37.7917,
42.7160

■ 62.3963, 55.0459,
55.0585

■ 26.4523, 36.7814,
41.3895

■ 66.7452, 57.2556,
56.7203

■ 24.8511, 35.9827,
40.1067

■ 67.0295, 57.3693,
58.2178

■ 23.6293, 35.3790,
38.8659

■ 67.3189, 57.4851,
59.7414

■ 22.7497, 34.9513,
37.6654

■ 67.6132, 57.6028,
61.2912

■ 22.1678, 34.6764,
36.5027

■ 67.9125, 57.7225,
62.8675

Harmonies

Analogous

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



41.2273, 44.2252, 47.1991



41.1692, 44.2252, 48.4859



41.3417, 44.2252, 49.7051

Triad

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



41.1692, 44.2252, 48.4859



42.5730, 44.2252, 50.1773



42.3712, 44.2252, 45.8637

Complementary

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



41.1692, 44.2252, 48.4859



40.8874, 42.1070, 45.5098

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.



42.7355, 44.2252, 46.6350



41.1692, 44.2252, 48.4859



42.8526, 44.2252, 49.1211

Square

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



41.1692, 44.2252, 48.4859



42.1506, 44.2252, 50.6931



42.9123, 44.2252, 47.8231



41.9191, 44.2252, 45.7006

Rectangle

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



41.1692, 44.2252, 48.4859



41.5649, 44.2252, 50.3102



42.9123, 44.2252, 47.8231



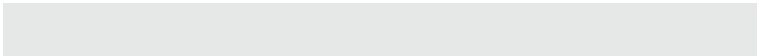
42.5081, 44.2252, 46.0597

Sweetspot

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



41.1705, 44.2271, 48.4869



75.9425, 80.3298, 87.6364



40.8124, 44.1106, 45.3934



16.8343, 17.8018, 19.4192



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.



41.1705, 44.2271, 48.4869



72.8590, 78.7620, 86.5115



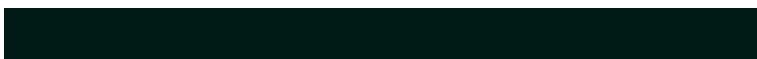
40.7846, 43.2937, 48.8570



9.0215, 9.7790, 10.7498



15.4938, 24.4235, 25.4008



0.5018, 0.7742, 0.8744

Inverse Universe

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



40.8874, 42.1070, 45.5098



72.2052, 73.8656, 79.6360



41.2615, 43.0099, 45.1573



8.9323, 9.1111, 9.8119



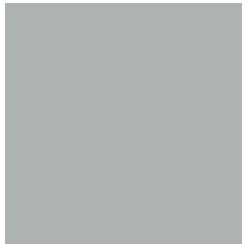
13.2809, 6.8299, 1.3730



0.4334, 0.2211, 0.1247

Previews

White Background



This preview shows how the XYZ color 41.1692, 44.2252, 48.4859 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 41.1692, 44.2252, 48.4859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

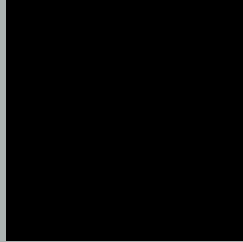
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

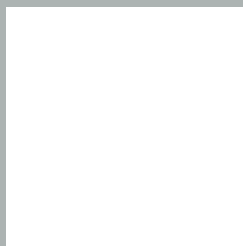
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1692, 44.2252, 48.4859

Background



This preview shows how black text looks on a background with the XYZ color 41.1692, 44.2252, 48.4859.



This preview shows how white text looks on a background with the XYZ color 41.1692, 44.2252,

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

41.1692, 44.2252, 48.4859

Protanopia

42.5172, 44.0487, 47.8563

Deuteranopia

44.8815, 44.0972, 48.7939



Tritanopia

42.5817, 44.2045, 55.5782

Trichromacy



Original Color

41.1692, 44.2252, 48.4859

Protanomaly

42.0180, 44.0836, 47.8894

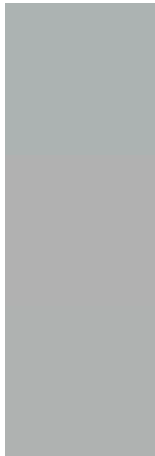
Deuteranomaly

43.4742, 44.2289, 48.8935

Tritanomaly

42.0169, 44.2702, 52.7848

Monochromacy



Original Color

41.1692, 44.2252, 48.4859

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5354, 44.1291, 47.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1692, 44.2252, 48.4859 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(172, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 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(172, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.1692, 44.2252, 48.4859 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(172, 179, 178) }
```


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

```
.border{ border-color:rgb(172, 179, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 179, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1692, 44.2252, 48.4859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 178) }
```

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

```
.background{ background-color: rgb(172,  
179, 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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