

Converting Colors

XYZ(42.1694, 44.2810, 48.5596)

Have a look what the booklet for
XYZ(42.1694, 44.2810, 48.5596)
contains.

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Color

**XYZ(42.1181, 44.1236,
48.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B1B2
RGB	178, 177, 178
RGB Percent	70%, 69%, 70%
CMY	0.3020, 0.3059, 0.3020
CMYK	0.00, 0.01, 0.00, 0.30
HSL	300°, 1%, 70%
HSV	300°, 1%, 70%
XYZ	42.1181, 44.1236, 48.4163
YIQ	177.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

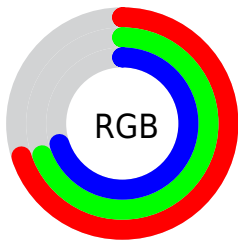
Format	Color
RYB	178, 177, 178
Decimal	11710898
CIELab	72.31, 0.54, -0.39
CIELCh	72, 0.671, 324.120
Yxy	44.1236, 0.3128, 0.3277
Android (android.graphics.Color)	4289900978 (0xFFB2B1B2)
YUV	177.4130, 0.2894, 0.5148
Hunter-Lab	66.4256, -3.0643, 3.2826

Details

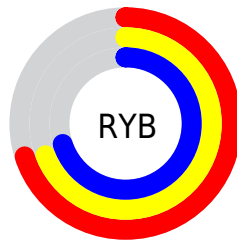
The XYZ color **42.1181, 44.1236, 48.4163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9893, 44.3634, 47.9471**, and the grayscale version is **42.0066, 44.1942, 48.1275**.

A 20% lighter version of the original color is **77.9219, 81.7108, 89.5067**, and **19.3668, 20.2559, 22.2911** is the 20% darker color. If you saturate the color by 10%, you get **38.8293, 37.5459, 47.3207**, and if you desaturate by 10%, it is **45.8680, 51.6223, 49.6667**.

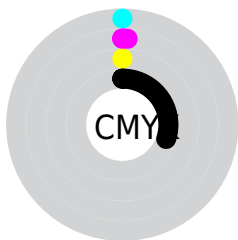
Distribution



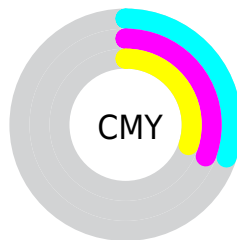
- Red (70%)
- Green (69%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1181, 44.1236, 48.4163 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 42.1181, 44.1236, 48.4163 by changing the saturation by 10% instead.

■ 42.1181, 44.1236,
48.4163

■ 42.1181, 44.1236,
48.4163

345.9556,
363.2124, 396.9961

■ 29.3853, 30.7677,
33.7943

■ 77.6424, 81.4037,
89.1959

■ 19.5182, 20.4220,
22.4596

101.1646,
106.0967, 116.1906

■ 12.1516, 12.7022,
13.9934

129.0139,
135.3375, 148.1467

■ 6.9199, 7.2238,
7.9774

161.5558,
169.5105, 185.4827

■ 3.4579, 3.6024,
3.9929

199.1555,
209.0001, 228.6170

■ 1.4003, 1.4538,
1.6215

242.1785,

■ 0.2564, 0.2558,

254.1907, 277.9684

0.3061

290.9901,
305.4666, 333.9552

■ 0.0000, 0.0000,
0.0000

■ 42.1181, 44.1236,
48.4163

■ 42.1181, 44.1236,
48.4163

■ 38.8293, 37.5459,
47.3207

■ 45.8680, 51.6223,
49.6667

■ 35.9803, 31.8483,
46.3711

■ 50.0919, 60.0696,
51.0746

■ 33.5535, 26.9953,
45.5623

■ 54.8069, 69.4991,
52.6462

■ 31.5289, 22.9465,
44.8875

■ 60.0280, 79.9410,
54.3865

■ 29.8848, 19.6587,
44.3395

■ 62.1579, 84.2003,
55.0963

■ 28.5974, 17.0844,
43.9105

■ 62.1583, 84.2005,
55.0964

■ 27.6402, 15.1705,
43.5915

■ 62.1586, 84.2007,
55.0964

■ 26.9832, 13.8571,
43.3726

■ 62.1589, 84.2008,
55.0964

■ 26.5909, 13.0729,
43.2419

■ 62.1592, 84.2010,
55.0964

Harmonies

Analogous

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



42.0288, 44.1236, 48.6251



42.1181, 44.1236, 48.4163



42.1591, 44.1236, 48.1082

Triad

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



42.1181, 44.1236, 48.4163



41.9609, 44.1236, 47.4141



41.7361, 44.1236, 48.3031

Complementary

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



42.1181, 44.1236, 48.4163



41.9893, 44.3634, 47.9471

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.



41.7179, 44.1236, 47.9781



42.1181, 44.1236, 48.4163



41.8476, 44.1236, 47.4658

Square

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



42.1181, 44.1236, 48.4163



42.0683, 44.1236, 47.5303



41.7587, 44.1236, 47.6718



41.8083, 44.1236, 48.5595

Rectangle

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



42.1181, 44.1236, 48.4163



42.1536, 44.1236, 47.8883



41.7587, 44.1236, 47.6718



41.7235, 44.1236, 48.1982

Sweetspot

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



42.1194, 44.1255, 48.4173



76.7382, 80.7346, 87.9200



41.8947, 44.0146, 48.4077



17.0014, 17.8868, 19.4787



86.6293, 91.1408, 99.2523

Same Dimension

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



42.1194, 44.1255, 48.4173



76.0891, 79.4364, 87.7036



42.0711, 44.1062, 48.1629



9.4767, 9.9000, 10.9177



18.8844, 9.0711, 30.8926



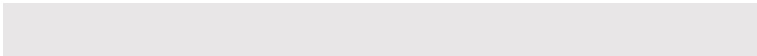
0.5942, 0.2854, 0.9720

Inverse Universe

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



42.0196, 44.0856, 47.8920



75.7615, 79.3054, 85.9784



42.0374, 44.3826, 48.2006



9.4393, 9.8850, 10.7209



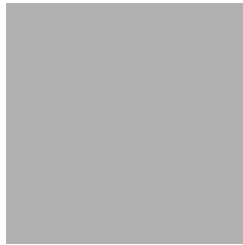
13.1369, 6.7723, 0.6151



0.4134, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 42.1181, 44.1236, 48.4163 looks on a white background.

Color Contrast Check

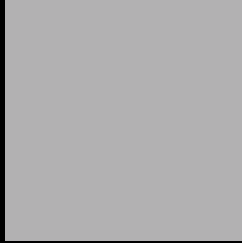
Large Text (above 18pt) WCAG AA × Fail

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 42.1181, 44.1236, 48.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

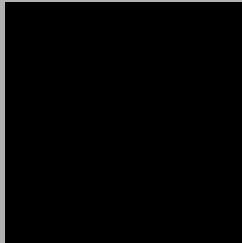
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1181, 44.1236, 48.4163

Background



This preview shows how black text looks on a background with the XYZ color 42.1181, 44.1236, 48.4163.

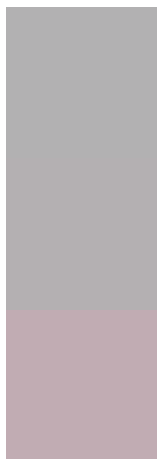


This preview shows how white text looks on a background with the XYZ color 42.1181, 44.1236,

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

42.1181, 44.1236, 48.4163

Protanopia

42.3836, 43.9683, 48.3724

Deuteranopia

44.8815, 44.0972, 48.7939



Tritanopia

43.3377, 44.0374, 54.3600

Trichromacy



Original Color

42.1181, 44.1236, 48.4163

Protanomaly

42.1516, 43.8487, 48.3615

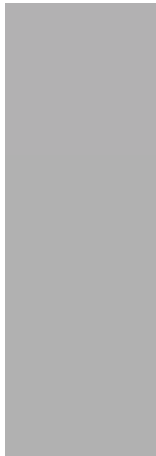
Deuteranomaly

44.0118, 44.2181, 48.8631

Tritanomaly

42.8727, 44.1372, 52.1586

Monochromacy



Original Color

42.1181, 44.1236, 48.4163

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7894, 43.9657, 47.8787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1181, 44.1236, 48.4163 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(178, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(178, 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(178, 177, 178) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 42.1181, 44.1236, 48.4163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

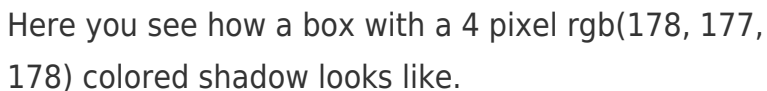
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 177, 178) }
```

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

```
.border{ border-color:rgb(178, 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(178, 177, 178)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 42.1181, 44.1236, 48.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(178,  
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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