

Converting Colors

XYZ(43.9868, 47.2543, 52.1420)

Have a look what the booklet for
XYZ(43.9868, 47.2543, 52.1420)
contains.

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Color

**XYZ(43.9237, 47.0888,
52.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B8B8
RGB	177, 184, 184
RGB Percent	69%, 72%, 72%
CMY	0.3059, 0.2784, 0.2784
CMYK	0.04, 0.00, 0.00, 0.28
HSL	180°, 5%, 71%
HSV	180°, 4%, 72%
XYZ	43.9237, 47.0888, 52.1214
YIQ	181.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

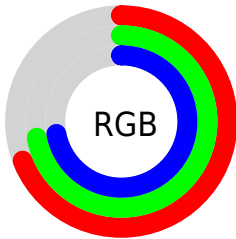
Format	Color
RYB	177, 181, 184
Decimal	11647160
CIELab	74.25, -2.43, -0.85
CIELCh	74, 2.574, 199.397
Yxy	47.0888, 0.3069, 0.3290
Android (android.graphics.Color)	4289837240 (0xFFB1B8B8)
YUV	181.9070, 1.0318, -4.3034
Hunter-Lab	68.6213, -5.8314, 3.0011

Details

The XYZ color **43.9237, 47.0888, 52.1214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4269, 44.8102, 47.9577**, and the grayscale version is **44.4101, 46.7229, 50.8813**.

A 20% lighter version of the original color is **80.4925, 85.9351, 94.7828**, and **20.5252, 22.1564, 24.6675** is the 20% darker color. If you saturate the color by 10%, you get **40.0115, 45.0734, 51.9349**, and if you desaturate by 10%, it is **48.4038, 49.3996, 52.3364**.

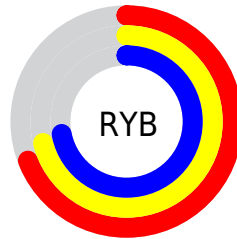
Distribution



Red (69%)

Green (72%)

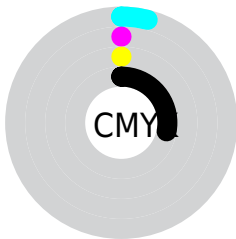
Blue (72%)



Red (69%)

Yellow (71%)

Blue (72%)

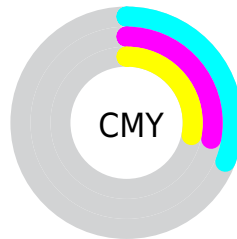


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9237, 47.0888, 52.1214 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 43.9237, 47.0888, 52.1214 by changing the saturation by 10% instead.

■ 43.9237, 47.0888,
52.1214

■ 43.9237, 47.0888,
52.1214

353.2543,
375.1689, 411.8754

■ 30.8082, 33.1059,
36.7189

■ 80.3500, 85.8462,
94.7387

■ 20.6039, 22.2076,
24.6959

104.3914,
111.3894, 122.7905

■ 12.9456, 14.0095,
15.6337

132.8056,
141.5548, 155.8960

■ 7.4678, 8.1273,
9.1138

165.9578,
176.7268, 194.4735

■ 3.8053, 4.1765,
4.7176

204.2134,
217.2898, 238.9417

■ 1.5926, 1.7728,
2.0267

247.9378,

■ 0.3876, 0.4701,

263.6283, 289.7190

0.5716

297.4963,
316.1265, 347.2241

■ 0.0000, 0.0000,
0.0000

■ 43.9237, 47.0888,
52.1214

■ 43.9237, 47.0888,
52.1214

■ 40.0115, 45.0734,
51.9349

■ 48.4038, 49.3996,
52.3364

■ 36.6406, 43.3357,
51.7727

■ 53.4688, 52.0106,
52.5779

■ 33.7885, 41.8655,
51.6348

■ 59.1404, 54.9343,
52.8477

■ 31.4294, 40.6494,
51.5200

■ 65.4375, 58.1805,
53.1468

■ 29.5353, 39.6731,
51.4270

■ 67.0375, 59.0052,
53.2261

■ 28.0755, 38.9207,
51.3542

■ 67.0383, 59.0056,
53.2306

■ 27.0156, 38.3744,
51.3002

■ 67.0392, 59.0059,
53.2350

■ 26.3160, 38.0138,
51.2631

■ 67.0400, 59.0062,
53.2395

■ 25.9290, 37.8144,
51.2406

■ 67.0409, 59.0066,
53.2439

Harmonies

Analogous

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



43.8889, 47.0888, 50.8050



43.9237, 47.0888, 52.1214



44.1808, 47.0888, 53.2279

Triad

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



43.9237, 47.0888, 52.1214



45.4344, 47.0888, 52.9455



44.9202, 47.0888, 48.8112

Complementary

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



43.9237, 47.0888, 52.1214



43.4269, 44.8102, 47.9577

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.



45.3372, 47.0888, 49.3640



43.9237, 47.0888, 52.1214



45.6355, 47.0888, 51.7413

Square

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



43.9237, 47.0888, 52.1214



45.0522, 47.0888, 53.7093



45.5997, 47.0888, 50.4313



44.4621, 47.0888, 48.9089

Rectangle

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



43.9237, 47.0888, 52.1214



44.4446, 47.0888, 53.6905



45.5997, 47.0888, 50.4313



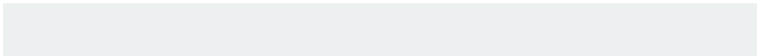
45.0698, 47.0888, 48.9267

Sweetspot

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



43.9250, 47.0908, 52.1224



81.7816, 86.4738, 94.5846



43.2357, 46.8182, 48.3538



17.6395, 18.6466, 20.3909



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.9250, 47.0908, 52.1224



78.6593, 84.8642, 94.4352



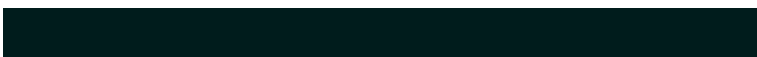
43.2306, 45.7014, 51.8925



9.5975, 10.3812, 11.5768



17.7700, 26.0090, 35.3066



0.6265, 0.9169, 1.2449

Inverse Universe

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



43.4269, 44.8102, 47.9577



77.4632, 79.3888, 84.4362



44.1035, 46.1639, 48.1817



9.4364, 9.6440, 10.2305



13.6237, 7.0233, 0.6395



0.4803, 0.2476, 0.0228

Previews

White Background



This preview shows how the XYZ color 43.9237, 47.0888, 52.1214 looks on a white background.

Color Contrast Check

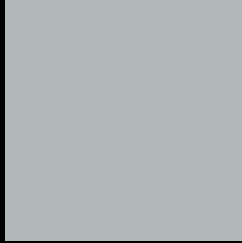
Large Text (above 18pt) WCAG AA × Fail

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 43.9237, 47.0888, 52.1214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

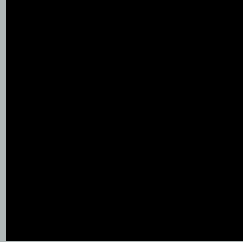
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

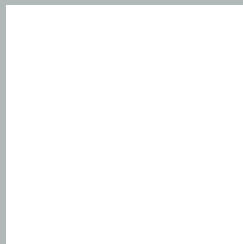
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9237, 47.0888, 52.1214

Background



This preview shows how black text looks on a background with the XYZ color 43.9237, 47.0888, 52.1214.



This preview shows how white text looks on a background with the XYZ color 43.9237, 47.0888,

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

43.9237, 47.0888, 52.1214

Protanopia

45.2828, 47.1891, 51.5215

Deuteranopia

48.0323, 47.0892, 52.4565



Tritanopia

45.2822, 47.0251, 58.9147

Trichromacy



Original Color

43.9237, 47.0888, 52.1214

Protanomaly

44.7721, 47.2310, 51.5565

Deuteranomaly

46.5641, 47.2217, 52.5594

Tritanomaly

44.8080, 47.1377, 56.6060

Monochromacy



Original Color

43.9237, 47.0888, 52.1214

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.3031, 46.9892, 51.5345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9237, 47.0888, 52.1214 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(177, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 184, 184)  
}
```

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(177, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 184, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.9237, 47.0888, 52.1214 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(177, 184, 184) }
```


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

```
.border{ border-color:rgb(177, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 184,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9237, 47.0888, 52.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 184, 184) }
```

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

```
.background{ background-color: rgb(177,  
184, 184) }
```

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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