

Converting Colors

XYZ(43.1365, 47.0343, 52.8042)

Have a look what the booklet for
XYZ(43.1365, 47.0343, 52.8042)
contains.

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Color

**XYZ(43.1192, 46.9714,
52.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB9B9
RGB	172, 185, 185
RGB Percent	67%, 73%, 73%
CMY	0.3255, 0.2745, 0.2745
CMYK	0.07, 0.00, 0.00, 0.27
HSL	180°, 8%, 70%
HSV	180°, 7%, 73%
XYZ	43.1192, 46.9714, 52.6927
YIQ	181.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

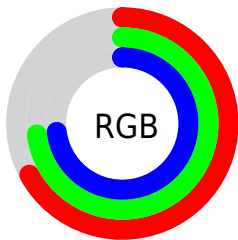
Format	Color
RYB	172, 179, 185
Decimal	11319737
CIELab	74.17, -4.48, -1.55
CIELCh	74, 4.741, 199.132
Yxy	46.9714, 0.3020, 0.3290
Android (android.graphics.Color)	4289509817 (0xFFACB9B9)
YUV	181.1130, 1.9163, -7.9921
Hunter-Lab	68.5357, -7.6342, 2.3907

Details

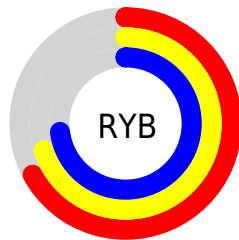
The XYZ color **43.1192, 46.9714, 52.6927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2083, 42.7992, 45.0684**, and the grayscale version is **43.9762, 46.2664, 50.3841**.

A 20% lighter version of the original color is **79.0110, 85.5924, 95.5757**, and **20.1619, 22.1615, 25.0448** is the 20% darker color. If you saturate the color by 10%, you get **39.3382, 45.0235, 52.5144**, and if you desaturate by 10%, it is **47.4682, 49.2146, 52.8995**.

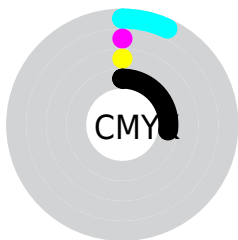
Distribution



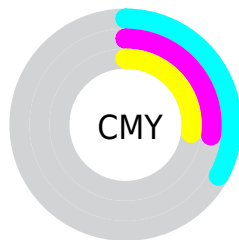
- Red (67%)
- Green (73%)
- Blue (73%)



- Red (67%)
- Yellow (70%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1192, 46.9714, 52.6927 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 43.1192, 46.9714, 52.6927 by changing the saturation by 10% instead.

■ 43.1192, 46.9714,
52.6927

■ 43.1192, 46.9714,
52.6927

350.0150,
374.7004, 414.1378

■ 30.1736, 33.0130,
37.1715

■ 79.1453, 85.6709,
95.5890

■ 20.1191, 22.1364,
25.0435

102.9565,
111.1809, 123.8011

■ 12.5904, 13.9572,
15.8901

131.1202,
141.3102, 157.0806

■ 7.2222, 8.0909,
9.2929

164.0019,
176.4432, 195.8461

■ 3.6490, 4.1532,
4.8333

201.9669,
216.9643, 240.5160

■ 1.5055, 1.7596,
2.0928

245.3805,

■ 0.3296, 0.4618,

263.2580, 291.5089

0.6115

294.6080,
315.7085, 349.2433

■ 0.0000, 0.0000,
0.0000

■ 43.1192, 46.9714,
52.6927

■ 43.1192, 46.9714,
52.6927

■ 39.3382, 45.0235,
52.5144

■ 47.4682, 49.2146,
52.8995

■ 36.0978, 43.3531,
52.3604

■ 52.4030, 51.7586,
53.1328

■ 33.3747, 41.9494,
52.2306

■ 57.9457, 54.6159,
53.3946

■ 31.1421, 40.7985,
52.1238

■ 64.1159, 57.7967,
53.6857

■ 29.3709, 39.8854,
52.0385

■ 67.3492, 59.4635,
53.8393

■ 28.0287, 39.1935,
51.9734

■ 67.3496, 59.4636,
53.8417

■ 27.0792, 38.7041,
51.9266

■ 67.3501, 59.4638,
53.8441

■ 26.4800, 38.3953,
51.8962

■ 67.3505, 59.4640,
53.8464

■ 26.1717, 38.2364,
51.8795

■ 67.3510, 59.4642,
53.8488

Harmonies

Analogous

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



43.0597, 46.9714, 50.2668



43.1192, 46.9714, 52.6927



43.5845, 46.9714, 54.7642

Triad

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



43.1192, 46.9714, 52.6927



45.8918, 46.9714, 54.2667



44.9536, 46.9714, 46.6853

Complementary

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



43.1192, 46.9714, 52.6927



42.2083, 42.7992, 45.0684

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.



45.7224, 46.9714, 47.6867



43.1192, 46.9714, 52.6927



46.2686, 46.9714, 52.0311

Square

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



43.1192, 46.9714, 52.6927



45.1825, 46.9714, 55.6927



46.2062, 46.9714, 49.6257



44.1116, 46.9714, 46.8497

Rectangle

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



43.1192, 46.9714, 52.6927



44.0655, 46.9714, 55.6414



46.2062, 46.9714, 49.6257



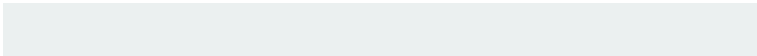
45.2294, 46.9714, 46.8955

Sweetspot

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



43.1205, 46.9734, 52.6937



80.9852, 86.0632, 94.5472



41.8576, 46.4737, 45.7947



17.4766, 18.5627, 20.3833



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.



43.1205, 46.9734, 52.6937



76.4289, 83.7144, 94.3314



41.8350, 44.4017, 52.2668



9.2666, 10.2106, 11.5614



17.7728, 26.0101, 35.3210



0.6266, 0.9169, 1.2453

Inverse Universe

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



42.2083, 42.7992, 45.0684



74.5527, 75.1300, 78.6498



43.4326, 45.2482, 45.4751



9.0047, 9.0123, 9.3723



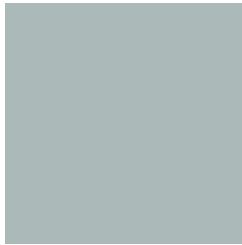
13.6236, 7.0232, 0.6386



0.4803, 0.2476, 0.0227

Previews

White Background



This preview shows how the XYZ color 43.1192, 46.9714, 52.6927 looks on a white background.

Color Contrast Check

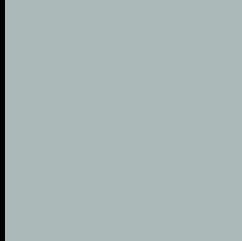
Large Text (above 18pt) WCAG AA × Fail

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 43.1192, 46.9714, 52.6927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

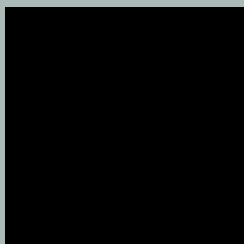
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

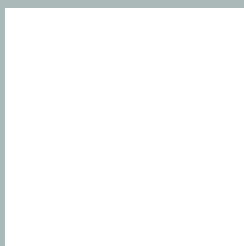
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1192, 46.9714, 52.6927

Background



This preview shows how black text looks on a background with the XYZ color 43.1192, 46.9714, 52.6927.

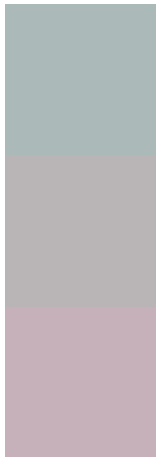


This preview shows how white text looks on a background with the XYZ color 43.1192, 46.9714,

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

43.1192, 46.9714, 52.6927

Protanopia

45.0787, 46.7809, 51.4535

Deuteranopia

47.9805, 47.0379, 53.5641



Tritanopia

44.5821, 46.9429, 60.1372

Trichromacy



Original Color

43.1192, 46.9714, 52.6927

Protanomaly

44.2021, 46.6199, 52.0162

Deuteranomaly

46.1705, 47.0065, 53.0941

Tritanomaly

43.9997, 47.0155, 57.2079

Monochromacy



Original Color

43.1192, 46.9714, 52.6927

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5315, 46.2983, 50.8981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1192, 46.9714, 52.6927 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, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 185)  
}
```

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, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 43.1192, 46.9714, 52.6927 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, 185, 185) }
```


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

```
.border{ border-color:rgb(172, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1192, 46.9714, 52.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 185) }
```

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

```
.background{ background-color: rgb(172,  
185, 185) }
```

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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