

Converting Colors

XYZ(42.8708, 46.2645, 51.8428)

Have a look what the booklet for
XYZ(42.8708, 46.2645, 51.8428)
contains.

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Color

**XYZ(42.8188, 46.2119,
52.0104)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB7B8
RGB	173, 183, 184
RGB Percent	68%, 72%, 72%
CMY	0.3216, 0.2823, 0.2784
CMYK	0.06, 0.01, 0.00, 0.28
HSL	185°, 7%, 70%
HSV	185°, 6%, 72%
XYZ	42.8188, 46.2119, 52.0104
YIQ	180.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

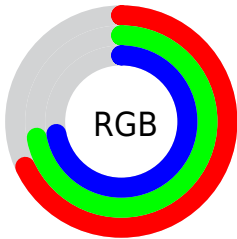
Format	Color
R_{YB}	173, 178, 184
Decimal	11384760
CIE Lab	73.68, -3.27, -1.72
CIE LCh	74, 3.690, 207.706
Yxy	46.2119, 0.3036, 0.3276
Android (android.graphics.Color)	4289574840 (0xFFADB7B8)
YUV	180.1240, 1.9109, -6.2477
Hunter-Lab	67.9793, -6.5303, 2.2233

Details

The XYZ color **42.8188, 46.2119, 52.0104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4462, 43.4792, 45.6911**, and the grayscale version is **43.4426, 45.7050, 49.7727**.

A 20% lighter version of the original color is **78.5896, 84.5183, 94.6096**, and **19.9645, 21.6689, 24.6030** is the 20% darker color. If you saturate the color by 10%, you get **38.6854, 43.5746, 51.7199**, and if you desaturate by 10%, it is **47.5193, 49.1501, 52.3305**.

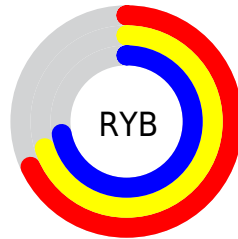
Distribution



Red (68%)

Green (72%)

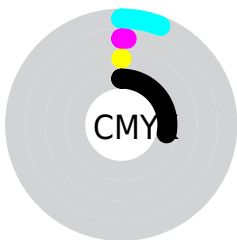
Blue (72%)



Red (68%)

Yellow (70%)

Blue (72%)

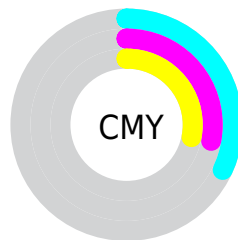


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8188, 46.2119, 52.0104 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 42.8188, 46.2119, 52.0104 by changing the saturation by 10% instead.

■ 42.8188, 46.2119,
52.0104

■ 42.8188, 46.2119,
52.0104

348.8002,
371.6599, 411.4348

■ 29.9369, 32.4131,
36.6311

■ 78.6948, 84.5360,
94.5733

■ 19.9385, 21.6772,
24.6284

102.4195,
109.8301, 122.5940

■ 12.4584, 13.6199,
15.5839

130.4893,
139.7248, 155.6655

■ 7.1311, 7.8568,
9.0791

163.2693,
174.6043, 194.2064

■ 3.5913, 4.0034,
4.6953

201.1251,
214.8532, 238.6353

■ 1.4736, 1.6755,
2.0140

244.4220,

■ 0.3078, 0.4077,

260.8559, 289.3706

0.5639

293.5252,
312.9966, 346.8309

■ 0.0000, 0.0000,
0.0000

■ 42.8188, 46.2119,
52.0104

■ 42.8188, 46.2119,
52.0104

■ 38.6854, 43.5746,
51.7199

■ 47.5193, 49.1501,
52.3305

■ 35.0923, 41.2206,
51.4549

■ 52.8044, 52.3945,
52.6782

■ 32.0166, 39.1394,
51.2153

■ 58.6958, 55.9576,
53.0554

■ 29.4320, 37.3173,
50.9998

■ 65.2127, 59.8492,
53.4631

■ 27.3101, 35.7397,
50.8072

■ 68.5977, 62.1324,
53.7254

■ 25.6193, 34.3903,
50.6358

■ 68.9644, 62.8658,
53.8476

■ 24.3243, 33.2509,
50.4842

■ 69.3352, 63.6075,
53.9712

■ 23.3841, 32.3003,
50.3502

■ 69.7102, 64.3575,
54.0962

■ 22.7459, 31.5113,
50.2316

■ 70.0894, 65.1159,
54.2226

Harmonies

Analogous

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



42.6782, 46.2119, 50.1729



42.8188, 46.2119, 52.0104



43.2544, 46.2119, 53.4239

Triad

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



42.8188, 46.2119, 52.0104



44.9949, 46.2119, 52.2661



43.9734, 46.2119, 46.8026

Complementary

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



42.8188, 46.2119, 52.0104



42.4462, 43.4792, 45.6911

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.



44.5985, 46.2119, 47.3328



42.8188, 46.2119, 52.0104



45.1919, 46.2119, 50.4612

Square

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



42.8188, 46.2119, 52.0104



44.5104, 46.2119, 53.5741



45.0461, 46.2119, 48.6606



43.3408, 46.2119, 47.1945

Rectangle

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



42.8188, 46.2119, 52.0104



43.6557, 46.2119, 53.9193



45.0461, 46.2119, 48.6606



44.1914, 46.2119, 46.8786

Sweetspot

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



42.8201, 46.2139, 52.0114



80.8578, 85.8082, 94.5056



42.0067, 46.2187, 46.7097



17.4506, 18.5106, 20.3748



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.



42.8201, 46.2139, 52.0114



76.7174, 83.2023, 94.2208



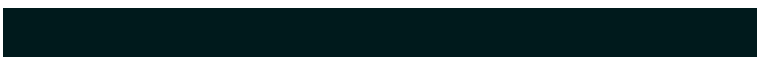
41.7237, 44.0209, 51.6459



9.3727, 10.1803, 11.5504



15.5541, 21.5678, 34.5963



0.5688, 0.8012, 1.2264

Inverse Universe

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



43.2590, 43.4973, 50.9179



77.6589, 77.3895, 91.8715



43.5145, 45.6157, 46.0472



9.4936, 9.4343, 11.2486



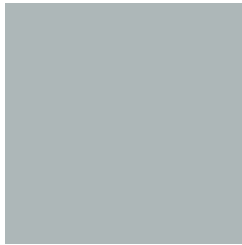
18.4647, 8.9596, 26.1314



0.6613, 0.3200, 0.9756

Previews

White Background



This preview shows how the XYZ color 42.8188, 46.2119, 52.0104 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 42.8188, 46.2119, 52.0104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

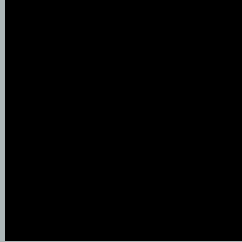
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

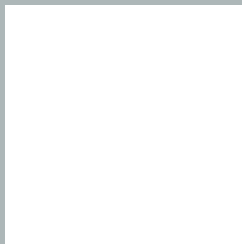
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8188, 46.2119, 52.0104

Background



This preview shows how black text looks on a background with the XYZ color 42.8188, 46.2119, 52.0104.

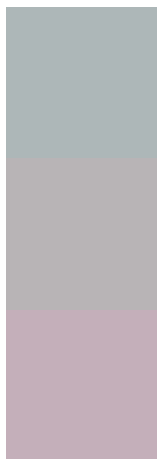


This preview shows how white text looks on a background with the XYZ color 42.8188, 46.2119,

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

42.8188, 46.2119, 52.0104

Protanopia

44.5319, 46.2103, 50.8284

Deuteranopia

46.9578, 45.9409, 52.8469



Tritanopia

44.1669, 46.1472, 58.8040

Trichromacy



Original Color

42.8188, 46.2119, 52.0104

Protanomaly

43.8935, 46.1699, 51.3980

Deuteranomaly

45.4164, 46.0349, 52.3909

Tritanomaly

43.6979, 46.2603, 56.4952

Monochromacy



Original Color

42.8188, 46.2119, 52.0104

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9958, 45.7311, 50.2769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8188, 46.2119, 52.0104 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(173, 183, 184) looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 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(173, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.8188, 46.2119, 52.0104 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(173, 183, 184) }
```


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

```
.border{ border-color:rgb(173, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8188, 46.2119, 52.0104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 183, 184) }
```

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

```
.background{ background-color: rgb(173,  
183, 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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