

Converting Colors

XYZ(42.4391, 46.3653, 50.5303)

Have a look what the booklet for
XYZ(42.4391, 46.3653, 50.5303)
contains.

XYZ(42.4942, 46.3878, 50.4301)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.4942, 46.3878,
50.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB8B5
RGB	172, 184, 181
RGB Percent	67%, 72%, 71%
CMY	0.3255, 0.2784, 0.2902
CMYK	0.07, 0.00, 0.02, 0.28
HSL	165°, 8%, 70%
HSV	165°, 7%, 72%
XYZ	42.4942, 46.3878, 50.4301
YIQ	180.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

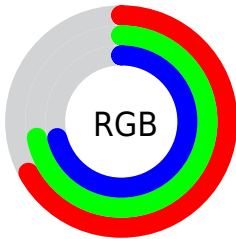
Format	Color
RYB	172, 179, 184
Decimal	11319477
CIELab	73.80, -4.73, 0.08
CIELCh	74, 4.728, 179.030
Yxy	46.3878, 0.3050, 0.3330
Android (android.graphics.Color)	4289509557 (0xFFACB8B5)
YUV	180.0700, 0.4585, -7.0774
Hunter-Lab	68.1086, -7.8206, 3.7755

Details

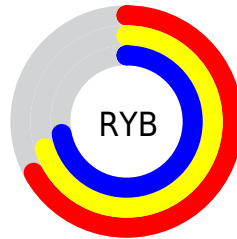
The XYZ color **42.4942, 46.3878, 50.4301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.2592, 42.7917, 46.5919**, and the grayscale version is **43.4210, 45.6823, 49.7480**.

A 20% lighter version of the original color is **78.1247, 84.7655, 92.3645**, and **19.7583, 21.7842, 23.5855** is the 20% darker color. If you saturate the color by 10%, you get **38.2678, 44.2640, 47.8079**, and if you desaturate by 10%, it is **47.2980, 48.8100, 53.1628**.

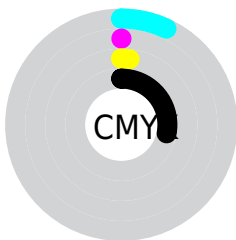
Distribution



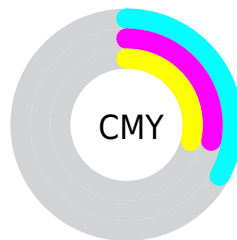
- Red (67%)
- Green (72%)
- Blue (71%)



- Red (67%)
- Yellow (70%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4942, 46.3878, 50.4301 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 42.4942, 46.3878, 50.4301 by changing the saturation by 10% instead.

■ 42.4942, 46.3878,
50.4301

■ 42.4942, 46.3878,
50.4301

347.4844,
372.3655, 405.1287

■ 29.6813, 32.5520,
35.3817

■ 78.2075, 84.7991,
92.2147

■ 19.7436, 21.7834,
23.6711

101.8386,
110.1433, 119.7879

■ 12.3160, 13.6979,
14.8799

129.8064,
140.0924, 152.3732

■ 7.0330, 7.9108,
8.5895

162.4764,
175.0309, 190.3890

■ 3.5293, 4.0379,
4.3813

200.2138,
215.3430, 234.2539

■ 1.4394, 1.6948,
1.8367

243.3840,

■ 0.2841, 0.4203,

261.4132, 284.3865

0.4520

292.3524,
313.6259, 341.2052

■ 0.0000, 0.0000,
0.0000

■ 42.4942, 46.3878,
50.4301

■ 42.4942, 46.3878,
50.4301

■ 38.2678, 44.2640,
47.8079

■ 47.2980, 48.8100,
53.1628

■ 34.5920, 42.4209,
45.2912

■ 52.6969, 51.5360,
56.0046

■ 31.4434, 40.8479,
42.8790

■ 58.7129, 54.5782,
58.9583

■ 28.7955, 39.5313,
40.5695

■ 65.3653, 57.9467,
62.0255

■ 26.6197, 38.4562,
38.3604

■ 69.2827, 59.9032,
65.0492

■ 24.8842, 37.6064,
36.2493

■ 69.8432, 60.1275,
68.0011

■ 23.5530, 36.9634,
34.2339

■ 70.4202, 60.3583,
71.0396

■ 22.5846, 36.5058,
32.3112

■ 71.0138, 60.5957,
74.1656

■ 21.9234, 36.2048,
30.4779

■ 71.6242, 60.8399,
77.3796

Harmonies

Analogous

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



42.7191, 46.3878, 48.1642



42.4942, 46.3878, 50.4301



42.6924, 46.3878, 52.7876

Triad

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



42.4942, 46.3878, 50.4301



44.8790, 46.3878, 54.6639



44.9270, 46.3878, 46.6434

Complementary

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



42.4942, 46.3878, 50.4301



42.2592, 42.7917, 46.5919

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.



45.5182, 46.3878, 48.2958



42.4942, 46.3878, 50.4301



45.4903, 46.3878, 52.9275

Square

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



42.4942, 46.3878, 50.4301



44.0629, 46.3878, 55.2783



45.7257, 46.3878, 50.5868



44.1176, 46.3878, 46.0211

Rectangle

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



42.4942, 46.3878, 50.4301



43.0392, 46.3878, 54.0839



45.7257, 46.3878, 50.5868



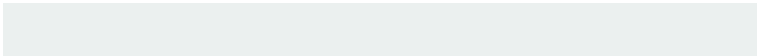
45.1582, 46.3878, 47.0942

Sweetspot

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



42.4955, 46.3898, 50.4311



80.8081, 85.9924, 93.6142



42.3125, 46.3987, 45.7561



17.4404, 18.5482, 20.1926



88.6918, 93.3107, 101.6153



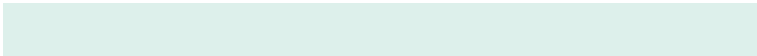
17.8044, 18.7317, 20.3988

Same Dimension

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



42.4955, 46.3898, 50.4311



75.7272, 83.4337, 90.6365



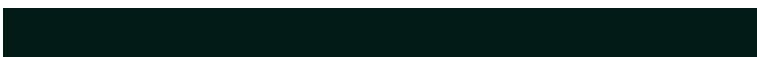
42.2310, 45.3622, 51.8797



9.1681, 10.1712, 11.0424



15.0025, 24.9020, 20.7330



0.5521, 0.8871, 0.8532

Inverse Universe

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



42.2592, 42.7917, 46.5919



75.1989, 75.3885, 82.0523



42.5061, 43.7524, 45.2351



9.0943, 9.0481, 9.8441



13.9882, 7.1690, 2.5586



0.5187, 0.2630, 0.2249

Previews

White Background



This preview shows how the XYZ color 42.4942, 46.3878, 50.4301 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 42.4942, 46.3878, 50.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

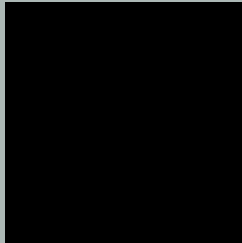
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

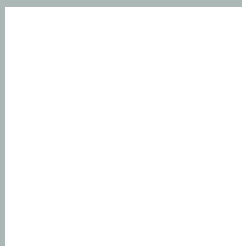
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4942, 46.3878, 50.4301

Background



This preview shows how black text looks on a background with the XYZ color 42.4942, 46.3878, 50.4301.



This preview shows how white text looks on a background with the XYZ color 42.4942, 46.3878,

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

42.4942, 46.3878, 50.4301

Protanopia

44.4655, 46.2115, 49.2239

Deuteranopia

47.1659, 46.0846, 51.2091



Tritanopia

44.1473, 46.4401, 58.8616

Trichromacy



Original Color

42.4942, 46.3878, 50.4301

Protanomaly

43.5845, 46.0463, 49.7707

Deuteranomaly

45.3502, 46.0370, 50.7518

Tritanomaly

43.5710, 46.5128, 55.9716

Monochromacy



Original Color

42.4942, 46.3878, 50.4301

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8936, 45.6901, 49.7384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4942, 46.3878, 50.4301 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, 184, 181) looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 181)  
}
```

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, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.4942, 46.3878, 50.4301 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, 184, 181) }
```


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

```
.border{ border-color:rgb(172, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4942, 46.3878, 50.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 181) }
```

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

```
.background{ background-color: rgb(172,  
184, 181) }
```

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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