

Converting Colors

XYZ(42.3035, 46.1642, 48.2001)

Have a look what the booklet for
XYZ(42.3035, 46.1642, 48.2001)
contains.

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Color

**XYZ(42.3249, 46.0400,
48.2508)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB7B1
RGB	174, 183, 177
RGB Percent	68%, 72%, 69%
CMY	0.3176, 0.2823, 0.3059
CMYK	0.05, 0.00, 0.03, 0.28
HSL	140°, 6%, 70%
HSV	140°, 5%, 72%
XYZ	42.3249, 46.0400, 48.2508
YIQ	179.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

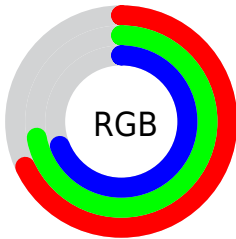
Format	Color
RYB	174, 181, 183
Decimal	11450289
CIELab	73.57, -4.27, 1.95
CIELCh	74, 4.693, 155.392
Yxy	46.0400, 0.3098, 0.3370
Android (android.graphics.Color)	4289640369 (0xFFFAEB7B1)
YUV	179.6250, -1.2941, -4.9331
Hunter-Lab	67.8528, -7.3984, 5.3352

Details

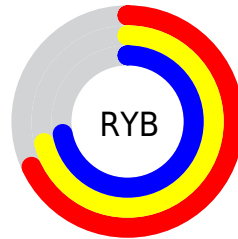
The XYZ color **42.3249, 46.0400, 48.2508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9045, 43.6359, 49.3437**, and the grayscale version is **43.1906, 45.4399, 49.4840**.

A 20% lighter version of the original color is **77.8876, 84.2742, 89.2522**, and **19.6468, 21.5581, 22.1944** is the 20% darker color. If you saturate the color by 10%, you get **37.3601, 43.6162, 41.9510**, and if you desaturate by 10%, it is **47.9566, 48.7977, 55.1515**.

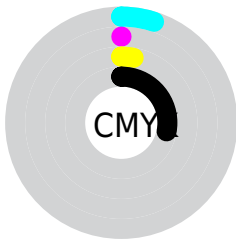
Distribution



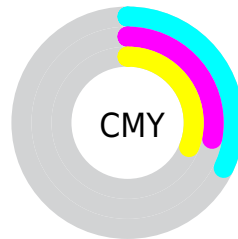
- Red (68%)
- Green (72%)
- Blue (69%)



- Red (68%)
- Yellow (71%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3249, 46.0400, 48.2508 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 42.3249, 46.0400, 48.2508 by changing the saturation by 10% instead.

■ 42.3249, 46.0400,
48.2508

■ 42.3249, 46.0400,
48.2508

346.7968,
370.9694, 396.3227

■ 29.5480, 32.2774,
33.6641

■ 77.9532, 84.2789,
88.9471

■ 19.6421, 21.5735,
22.3604

101.5353,
109.5239, 115.8939

■ 12.2419, 13.5438,
13.9211

129.4499,
139.3652, 147.7978

■ 6.9820, 7.8041,
7.9277

162.0622,
174.1871, 185.0773

■ 3.4971, 3.9698,
3.9616

199.7377,
214.3742, 228.1510

■ 1.4218, 1.6567,
1.6043

242.8417,

■ 0.2717, 0.3954,

260.3106, 277.4375

0.2939

291.7396,
312.3809, 333.3552

■ 0.0000, 0.0000,
0.0000

■ 42.3249, 46.0400,
48.2508

■ 42.3249, 46.0400,
48.2508

■ 37.3601, 43.6162,
41.9510

■ 47.9566, 48.7977,
55.1515

■ 33.0332, 41.5076,
36.2332

■ 54.2750, 51.8952,
62.6654

■ 29.3186, 39.7029,
31.0816

■ 61.3041, 55.3458,
70.8085

■ 26.1877, 38.1875,
26.4788

■ 69.0654, 59.1605,
79.5948

■ 23.6094, 36.9458,
22.4065

■ 73.6090, 61.3026,
88.8526

■ 21.5495, 35.9606,
18.8451

■ 75.4637, 62.0445,
98.6189

■ 19.9701, 35.2127,
15.7743

■ 76.2244, 62.3488,
102.6248

■ 18.8275, 34.6801,
13.1717

■ 18.0692, 34.3361,
11.0135

Harmonies

Analogous

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



42.8420, 46.0400, 46.4959



42.3249, 46.0400, 48.2508



42.1902, 46.0400, 50.5604

Triad

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



42.3249, 46.0400, 48.2508



43.9097, 46.0400, 54.8183



45.0733, 46.0400, 47.5294

Complementary

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



42.3249, 46.0400, 48.2508



42.9045, 43.6359, 49.3437

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.



45.3675, 46.0400, 49.7016



42.3249, 46.0400, 48.2508



44.6903, 46.0400, 53.9481

Square

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



42.3249, 46.0400, 48.2508



43.0986, 46.0400, 54.4003



45.2264, 46.0400, 52.0568



44.4274, 46.0400, 46.0887

Rectangle

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



42.3249, 46.0400, 48.2508



42.3339, 46.0400, 52.1149



45.2264, 46.0400, 52.0568



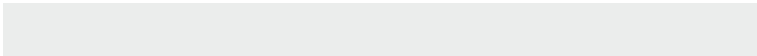
45.2170, 46.0400, 48.1956

Sweetspot

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



42.3262, 46.0420, 48.2518



79.5932, 84.3108, 91.1074



43.4326, 46.6465, 46.7597



17.5913, 18.6273, 20.1371



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.



42.3262, 46.0420, 48.2518



74.6915, 81.9134, 85.0274



42.7671, 46.2183, 50.5736



9.3316, 10.2651, 10.6171



12.4291, 23.8726, 7.1817



0.4676, 0.8534, 0.4085

Inverse Universe

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



42.9045, 43.6359, 49.3437



75.9654, 76.6130, 87.4327



42.4679, 43.4613, 47.0445



9.5027, 9.5535, 10.9400



16.1078, 8.0169, 13.7204



0.5953, 0.2936, 0.6282

Previews

White Background



This preview shows how the XYZ color 42.3249, 46.0400, 48.2508 looks on a white background.

Color Contrast Check

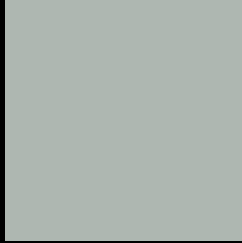
Large Text (above 18pt) WCAG AA × Fail

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 42.3249, 46.0400, 48.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

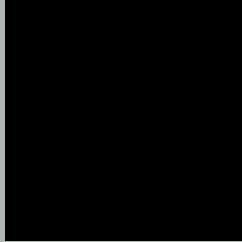
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3249, 46.0400, 48.2508

Background



This preview shows how black text looks on a background with the XYZ color 42.3249, 46.0400, 48.2508.



This preview shows how white text looks on a background with the XYZ color 42.3249, 46.0400,

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

42.3249, 46.0400, 48.2508

Protanopia

44.0667, 46.0519, 47.1238

Deuteranopia

47.0198, 46.0567, 49.0595



Tritanopia

44.3030, 45.9298, 58.1601

Trichromacy



Original Color

42.3249, 46.0400, 48.2508

Protanomaly

43.4164, 46.0061, 47.6661

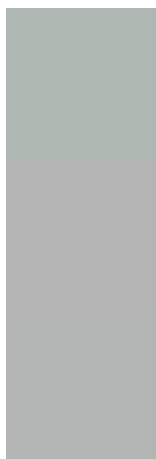
Deuteranomaly

45.1915, 46.0023, 48.6170

Tritanomaly

43.5055, 45.9087, 54.1452

Monochromacy



Original Color

42.3249, 46.0400, 48.2508

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.0207, 45.7674, 49.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3249, 46.0400, 48.2508 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(174, 183, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 177)  
}
```

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(174, 183, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.3249, 46.0400, 48.2508 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(174, 183, 177) }
```


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

```
.border{ border-color:rgb(174, 183, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 183, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3249, 46.0400, 48.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 177) }
```

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

```
.background{ background-color: rgb(174,  
183, 177) }
```

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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