

Converting Colors

XYZ(42.4801, 47.2474, 48.9097)

Have a look what the booklet for
XYZ(42.4801, 47.2474, 48.9097)
contains.

XYZ(42.6008, 47.4129, 49.0258)	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(42.6008, 47.4129,
49.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBBB2
RGB	171, 187, 178
RGB Percent	67%, 73%, 70%
CMY	0.3294, 0.2667, 0.3020
CMYK	0.09, 0.00, 0.05, 0.27
HSL	146°, 11%, 70%
HSV	146°, 9%, 73%
XYZ	42.6008, 47.4129, 49.0258
YIQ	181.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

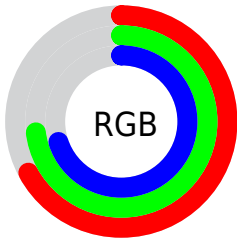
Format	Color
RYB	171, 182, 187
Decimal	11254706
CIELab	74.45, -7.24, 2.66
CIELCh	74, 7.713, 159.809
Yxy	47.4129, 0.3064, 0.3410
Android (android.graphics.Color)	4289444786 (0xFFABBBB2)
YUV	181.1900, -1.5727, -8.9366
Hunter-Lab	68.8570, -10.0645, 5.9858

Details

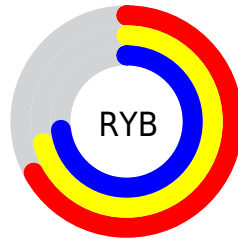
The XYZ color **42.6008, 47.4129, 49.0258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2964, 42.9871, 49.1976**, and the grayscale version is **44.0357, 46.3289, 50.4522**.

A 20% lighter version of the original color is **78.2659, 86.2104, 90.3571**, and **19.8345, 22.4528, 22.6905** is the 20% darker color. If you saturate the color by 10%, you get **37.7961, 45.0547, 43.4972**, and if you desaturate by 10%, it is **48.0655, 50.1046, 55.0103**.

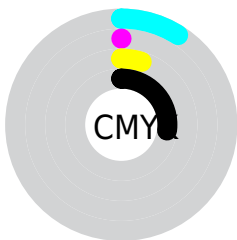
Distribution



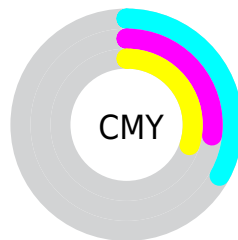
- Red (67%)
- Green (73%)
- Blue (70%)



- Red (67%)
- Yellow (71%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6008, 47.4129, 49.0258 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 42.6008, 47.4129, 49.0258 by changing the saturation by 10% instead.

■ 42.6008, 47.4129,
49.0258

■ 42.6008, 47.4129,
49.0258

347.9169,
376.4603, 399.4693

■ 29.7652, 33.3622,
34.2742

■ 78.3676, 86.3296,
90.1112

■ 19.8076, 22.4040,
22.8253

102.0295,
111.9644, 117.2820

■ 12.3627, 14.1541,
14.2604

130.0308,
142.2294, 149.4297

■ 7.0652, 8.2279,
8.1612

162.7369,
177.5089, 186.9727

■ 3.5496, 4.2411,
4.1090

200.5133,
218.1873, 230.3296

■ 1.4506, 1.8093,
1.6853

243.7251,

■ 0.2919, 0.4930,

264.6491, 279.9190

0.3507

292.7379,
317.2786, 336.1594

■ 0.0000, 0.0000,
0.0000

■ 42.6008, 47.4129,
49.0258

■ 42.6008, 47.4129,
49.0258

■ 37.7961, 45.0547,
43.4972

■ 48.0655, 50.1046,
55.0103

■ 33.6216, 43.0110,
38.4105

■ 54.2106, 53.1362,
61.4576

■ 30.0509, 41.2695,
33.7560

■ 61.0606, 56.5214,
68.3790

■ 27.0544, 39.8154,
29.5219

■ 68.6375, 60.2714,
75.7838

■ 24.5995, 38.6319,
25.6962

■ 73.3791, 62.5496,
83.5138

■ 22.6505, 37.7011,
22.2664

■ 74.9069, 63.1607,
91.5594

■ 21.1671, 37.0023,
19.2189

■ 76.5256, 63.8082,
100.0831

■ 20.1021, 36.5115,
16.5396

■ 77.0612, 64.0224,
102.9037

■ 19.3786, 36.1893,
14.2119

Harmonies

Analogous

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



43.3739, 47.4129, 45.9615



42.6008, 47.4129, 49.0258



42.4803, 47.4129, 52.9404

Triad

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



42.6008, 47.4129, 49.0258



45.5217, 47.4129, 59.5457



47.1504, 47.4129, 46.8745

Complementary

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



42.6008, 47.4129, 49.0258



43.2964, 42.9871, 49.1976

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.



47.7516, 47.4129, 50.3307



42.6008, 47.4129, 49.0258



46.7985, 47.4129, 57.7347

Square

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



42.6008, 47.4129, 49.0258



44.1477, 47.4129, 59.1520



47.6215, 47.4129, 54.3136



45.9939, 47.4129, 44.7645

Rectangle

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



42.6008, 47.4129, 49.0258



42.7836, 47.4129, 55.5264



47.6215, 47.4129, 54.3136



47.4252, 47.4129, 47.9099

Sweetspot

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



42.6021, 47.4149, 49.0268



81.5381, 87.4949, 93.6040



43.9606, 48.1944, 45.5143



17.7815, 19.1819, 20.4220



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.6021, 47.4149, 49.0268



74.8376, 84.1985, 86.1596



43.4224, 47.7430, 53.3462



9.5774, 10.7171, 11.0243



13.3230, 24.9195, 9.7635



0.5548, 0.9893, 0.5556

Inverse Universe

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



43.2964, 42.9871, 49.1976



76.2980, 74.8838, 86.5187



42.5107, 42.6729, 45.0603



9.7488, 9.6238, 11.0664



15.9210, 7.9996, 10.1437



0.6560, 0.3263, 0.5676

Previews

White Background



This preview shows how the XYZ color 42.6008, 47.4129, 49.0258 looks on a white background.

Color Contrast Check

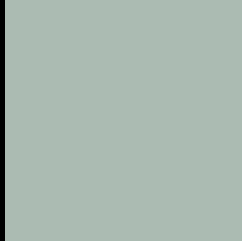
Large Text (above 18pt) WCAG AA × Fail

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 42.6008, 47.4129, 49.0258 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

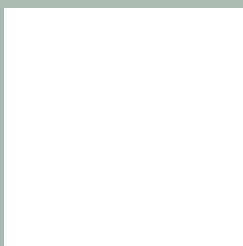
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6008, 47.4129, 49.0258

Background



This preview shows how black text looks on a background with the XYZ color 42.6008, 47.4129, 49.0258.



This preview shows how white text looks on a background with the XYZ color 42.6008, 47.4129,

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

42.6008, 47.4129, 49.0258

Protanopia

45.2048, 47.2424, 47.2936

Deuteranopia

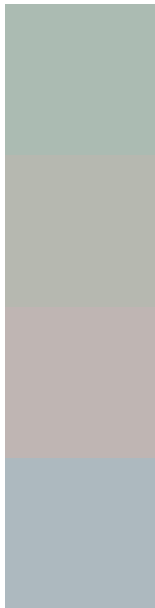
48.3175, 47.2961, 49.7625



Tritanopia

44.9049, 47.4032, 60.8158

Trichromacy



Original Color

42.6008, 47.4129, 49.0258

Protanomaly

44.2684, 47.3607, 47.8826

Deuteranomaly

46.1464, 47.3788, 49.3607

Tritanomaly

43.9865, 47.3437, 56.1101

Monochromacy



Original Color

42.6008, 47.4129, 49.0258

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3032, 46.5094, 49.8749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6008, 47.4129, 49.0258 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(171, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 187, 178)  
}
```

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(171, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 187, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.6008, 47.4129, 49.0258 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(171, 187, 178) }
```


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

```
.border{ border-color:rgb(171, 187, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 187, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 187,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6008, 47.4129, 49.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 187, 178) }
```

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

```
.background{ background-color: rgb(171,  
187, 178) }
```

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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