

Converting Colors

XYZ(42.0030, 48.8117, 47.2217)

Have a look what the booklet for
XYZ(42.0030, 48.8117, 47.2217)
contains.

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Color

**XYZ(42.0067, 48.7546,
47.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C0AE
RGB	165, 192, 174
RGB Percent	65%, 75%, 68%
CMY	0.3529, 0.2470, 0.3176
CMYK	0.14, 0.00, 0.09, 0.25
HSL	140°, 18%, 70%
HSV	140°, 14%, 75%
XYZ	42.0067, 48.7546, 47.2410
YIQ	181.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

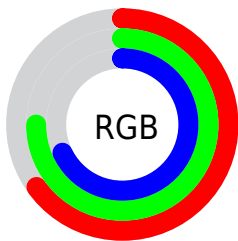
Format	Color
RYB	165, 185, 192
Decimal	10862766
CIELab	75.30, -12.67, 6.00
CIELCh	75, 14.019, 154.648
Yxy	48.7546, 0.3044, 0.3533
Android (android.graphics.Color)	4289052846 (0xFFA5C0AE)
YUV	181.8750, -3.8824, -14.7994
Hunter-Lab	69.8245, -14.8065, 8.7634

Details

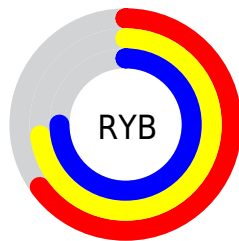
The XYZ color **42.0067, 48.7546, 47.2410** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7424, 41.5369, 50.5140**, and the grayscale version is **44.4210, 46.7343, 50.8937**.

A 20% lighter version of the original color is **77.2255, 88.0076, 87.0457**, and **19.4114, 23.0928, 21.8466** is the 20% darker color. If you saturate the color by 10%, you get **37.1200, 46.3742, 40.8057**, and if you desaturate by 10%, it is **47.6146, 51.4958, 54.3330**.

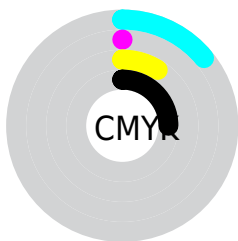
Distribution



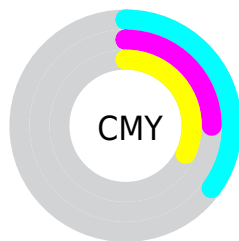
- Red (65%)
- Green (75%)
- Blue (68%)



- Red (65%)
- Yellow (73%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0067, 48.7546, 47.2410 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 42.0067, 48.7546, 47.2410 by changing the saturation by 10% instead.


 42.0067, 48.7546,
47.2410


 42.0067, 48.7546,
47.2410


345.5019,
381.7754, 392.1973

 29.2977, 34.4249,
32.8705


 77.4749, 88.3269,
87.4270

 19.4515, 23.2202,
21.7570


 100.9647,
114.3382, 114.0796

 12.1029, 14.7562,
13.4818


128.7789,
145.0121, 145.6633

 6.8865, 8.6484,
7.6265

161.2827,
180.7331, 182.5966

 3.4369, 4.5126,
3.7726

198.8416,
221.8856, 225.2981

 1.3888, 1.9642,
1.5014

241.8208,

 0.2482, 0.5866,

268.8538, 274.1864

0.2190

290.5858,
322.0223, 329.6799

■ 0.0000, 0.0000,
0.0000

■ 42.0067, 48.7546,
47.2410

■ 42.0067, 48.7546,
47.2410

■ 37.1200, 46.3742,
40.8057

■ 47.6146, 51.4958,
54.3330

■ 32.9206, 44.3333,
35.0052

■ 53.9679, 54.6058,
62.0964

■ 29.3777, 42.6180,
29.8210

■ 61.0945, 58.1000,
70.5495

■ 26.4565, 41.2106,
25.2326

■ 69.0196, 61.9910,
79.7088

■ 24.1191, 40.0920,
21.2183

■ 75.5241, 65.1345,
89.4853

■ 22.3229, 39.2409,
17.7549

■ 77.4727, 65.9140,
99.7469

■ 21.0194, 38.6325,
14.8178

■ 78.1406, 66.1811,
103.2635

■ 20.1504, 38.2376,
12.3802

■ 19.7758, 38.0712,
11.1559

Harmonies

Analogous

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



43.5807, 48.7546, 42.2511



42.0067, 48.7546, 47.2410



41.5767, 48.7546, 54.2432

Triad

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



42.0067, 48.7546, 47.2410



46.7423, 48.7546, 68.5147



50.5346, 48.7546, 45.4229

Complementary

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



42.0067, 48.7546, 47.2410



43.7424, 41.5369, 50.5140

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.



51.4534, 48.7546, 51.9443



42.0067, 48.7546, 47.2410



49.2129, 48.7546, 65.6297

Square

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



42.0067, 48.7546, 47.2410



44.2514, 48.7546, 66.9627



50.9610, 48.7546, 59.3931



48.4929, 48.7546, 41.2716

Rectangle

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



42.0067, 48.7546, 47.2410



41.9826, 48.7546, 59.2232



50.9610, 48.7546, 59.3931



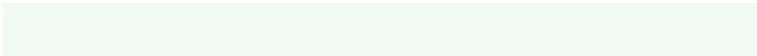
50.9884, 48.7546, 47.3871

Sweetspot

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



42.0081, 48.7567, 47.2421



86.2704, 93.3029, 98.4430



45.2787, 50.5407, 42.9669



18.3323, 19.9307, 20.9008



92.9021, 97.7402, 106.4391



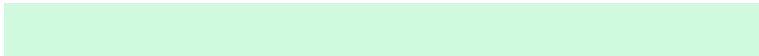
19.4759, 20.4902, 22.3138

Same Dimension

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



42.0081, 48.7567, 47.2421



73.1315, 86.8859, 81.7263



43.3433, 49.2908, 54.2735



10.0798, 11.3130, 11.4236



13.3390, 25.6297, 7.6782



0.6087, 1.1203, 0.5023

Inverse Universe

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



43.7424, 41.5369, 50.5140



76.9051, 71.1746, 88.8440



42.4459, 41.0183, 43.6866



10.3500, 10.1886, 11.9334



17.2869, 8.6045, 14.6887



0.7778, 0.3841, 0.7973

Previews

White Background



This preview shows how the XYZ color 42.0067, 48.7546, 47.2410 looks on a white background.

Color Contrast Check

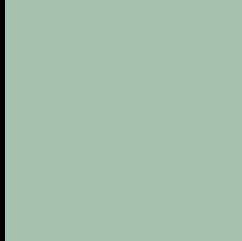
Large Text (above 18pt) WCAG AA × Fail

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 42.0067, 48.7546, 47.2410 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

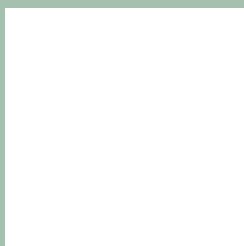
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0067, 48.7546, 47.2410

Background



This preview shows how black text looks on a background with the XYZ color 42.0067, 48.7546, 47.2410.



This preview shows how white text looks on a background with the XYZ color 42.0067, 48.7546,

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

42.0067, 48.7546, 47.2410

Protanopia

46.1344, 48.3897, 44.9388

Deuteranopia

49.5095, 48.5363, 48.3540



Tritanopia

45.3403, 48.8243, 63.5343

Trichromacy



Original Color

42.0067, 48.7546, 47.2410

Protanomaly

44.4124, 48.4260, 45.5344

Deuteranomaly

46.4628, 48.4919, 47.9853

Tritanomaly

43.8605, 48.5258, 56.9239

Monochromacy



Original Color

42.0067, 48.7546, 47.2410

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6001, 47.6026, 49.5381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0067, 48.7546, 47.2410 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(165, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 174)  
}
```

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(165, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 174) }
```

Border

The CSS property to change the border of an element to XYZ 42.0067, 48.7546, 47.2410 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(165, 192, 174) }
```


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

```
.border{ border-color:rgb(165, 192, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0067, 48.7546, 47.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 174) }
```

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

```
.background{ background-color: rgb(165,  
192, 174) }
```

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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