

Converting Colors

XYZ(42.0638, 50.7703, 47.2771)

Have a look what the booklet for
XYZ(42.0638, 50.7703, 47.2771)
contains.

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Color

**XYZ(42.0350, 50.7762,
47.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC6AD
RGB	159, 198, 173
RGB Percent	62%, 78%, 68%
CMY	0.3765, 0.2235, 0.3216
CMYK	0.20, 0.00, 0.13, 0.22
HSL	142°, 25%, 70%
HSV	142°, 20%, 78%
XYZ	42.0350, 50.7762, 47.1205
YIQ	183.4890, -15.2190, -16.0430

Conversions

Conversions Part 2

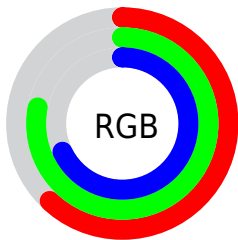
Format	Color
RYB	159, 188, 198
Decimal	10471085
CIELab	76.54, -17.95, 8.28
CIELCh	77, 19.766, 155.242
Yxy	50.7762, 0.3004, 0.3629
Android (android.graphics.Color)	4288661165 (0xFF9FC6AD)
YUV	183.4890, -5.1711, -21.4769
Hunter-Lab	71.2574, -19.4027, 10.6734

Details

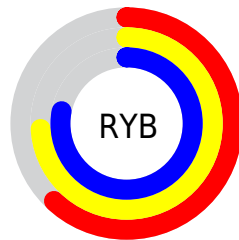
The XYZ color **42.0350, 50.7762, 47.1205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.3404, 40.2640, 50.7844**, and the grayscale version is **45.3130, 47.6728, 51.9157**.

A 20% lighter version of the original color is **77.4951, 91.4176, 86.9597**, and **19.4879, 24.4528, 21.7819** is the 20% darker color. If you saturate the color by 10%, you get **37.2483, 48.4452, 40.7871**, and if you desaturate by 10%, it is **47.5702, 53.4824, 54.1003**.

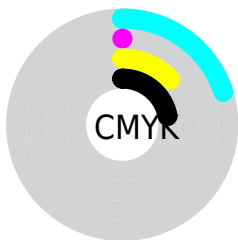
Distribution



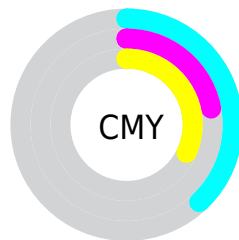
- Red (62%)
- Green (78%)
- Blue (68%)



- Red (62%)
- Yellow (74%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0350, 50.7762, 47.1205 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 42.0350, 50.7762, 47.1205 by changing the saturation by 10% instead.


 42.0350, 50.7762,
47.1205


 42.0350, 50.7762,
47.1205


345.6172,
389.6936, 391.7030

 29.3199, 36.0305,
32.7759


 77.5174, 91.3239,
87.2453

 19.4685, 24.4578,
21.6851


 101.0155,
117.8947, 113.8626

 12.1153, 15.6735,
13.4296


128.8386,
149.1760, 145.4079

 6.8950, 9.2934,
7.5908

161.3521,
185.5521, 182.2997

 3.4423, 4.9331,
3.7503

198.9213,
227.4076, 224.9566

 1.3917, 2.2080,
1.4894

241.9117,

 0.2503, 0.7244,

275.1267, 273.7971

0.2100

290.6885,
329.0940, 329.2397

■ 0.0000, 0.0000,
0.0000

■ 42.0350, 50.7762,
47.1205

■ 42.0350, 50.7762,
47.1205

■ 37.2483, 48.4452,
40.7871

■ 47.5702, 53.4824,
54.1003

■ 33.1728, 46.4664,
35.0782

■ 53.8807, 56.5730,
61.7407

■ 29.7742, 44.8237,
29.9757

■ 60.9971, 60.0649,
70.0598

■ 27.0135, 43.4977,
25.4591

■ 68.9471, 63.9719,
79.0741

■ 24.8478, 42.4664,
21.5071

■ 76.6433, 67.7333,
88.7472

■ 23.2282, 41.7053,
18.0967

■ 78.5588, 68.4996,
98.8344

■ 22.0978, 41.1854,
15.2034

■ 79.4850, 68.8701,
103.7117

■ 21.3546, 40.8547,
12.7988

■ 21.3347, 40.8459,
12.7333

Harmonies

Analogous

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



44.2386, 50.7762, 40.1460



42.0350, 50.7762, 47.1205



41.4635, 50.7762, 57.1852

Triad

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



42.0350, 50.7762, 47.1205



48.9197, 50.7762, 78.3758



54.3611, 50.7762, 44.2577

Complementary

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



42.0350, 50.7762, 47.1205



44.3404, 40.2640, 50.7844

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.



55.7641, 50.7762, 53.4306



42.0350, 50.7762, 47.1205



52.5206, 50.7762, 73.8231

Square

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



42.0350, 50.7762, 47.1205



45.3186, 50.7762, 76.1229



55.0738, 50.7762, 64.3456



51.3286, 50.7762, 38.6484

Rectangle

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



42.0350, 50.7762, 47.1205



42.0584, 50.7762, 64.5199



55.0738, 50.7762, 64.3456



55.0459, 50.7762, 46.9792

Sweetspot

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



42.0364, 50.7783, 47.1216



88.1042, 96.5971, 100.5415



46.3051, 53.1273, 40.6157



18.7028, 20.5998, 21.3309



0.0000, 0.0000, 0.0000



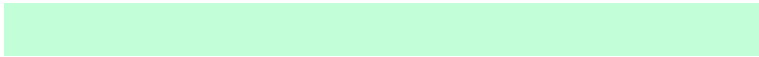
20.3446, 21.4041, 23.3091

Same Dimension

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



42.0364, 50.7783, 47.1216



70.3215, 87.9088, 78.0703



44.0249, 51.5737, 57.5929



10.6521, 11.9497, 12.1184



13.9113, 26.5769, 8.4776



0.6933, 1.2723, 0.5836

Inverse Universe

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



44.3404, 40.2640, 50.7844



75.1999, 65.6396, 85.8211



42.4663, 39.5144, 40.9155



10.9153, 10.7495, 12.5370



17.6755, 8.8198, 14.0330



0.8706, 0.4311, 0.8419

Previews

White Background



This preview shows how the XYZ color 42.0350, 50.7762, 47.1205 looks on a white background.

Color Contrast Check

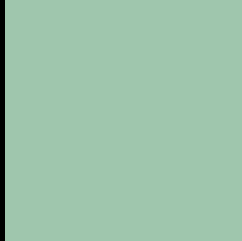
Large Text (above 18pt) WCAG AA × Fail

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 42.0350, 50.7762, 47.1205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

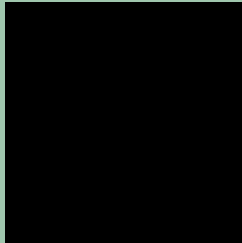
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0350, 50.7762, 47.1205

Background



This preview shows how black text looks on a background with the XYZ color 42.0350, 50.7762, 47.1205.



This preview shows how white text looks on a background with the XYZ color 42.0350, 50.7762,

47.1205.

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

42.0350, 50.7762, 47.1205

Protanopia

48.0771, 50.6639, 44.2910

Deuteranopia

51.4284, 50.4394, 48.0995



Tritanopia

45.9722, 50.6933, 67.0363

Trichromacy



Original Color

42.0350, 50.7762, 47.1205

Protanomaly

45.6338, 50.6688, 45.4051

Deuteranomaly

47.4593, 50.2681, 47.7588

Tritanomaly

44.4697, 50.7569, 59.0830

Monochromacy



Original Color

42.0350, 50.7762, 47.1205

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.5755, 48.2198, 49.6585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0350, 50.7762, 47.1205 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(159, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 173)  
}
```

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(159, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 173) }
```

Border

The CSS property to change the border of an element to XYZ 42.0350, 50.7762, 47.1205 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(159, 198, 173) }
```


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

```
.border{ border-color:rgb(159, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(159, 198,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0350, 50.7762, 47.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 173) }
```

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

```
.background{ background-color: rgb(159,  
198, 173) }
```

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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