

Converting Colors

XYZ(42.3097, 50.9863, 47.1682)

Have a look what the booklet for
XYZ(42.3097, 50.9863, 47.1682)
contains.

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Color

**XYZ(42.2341, 50.8789,
47.1298)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A0C6AD |
| RGB | 160, 198, 173 |
| RGB Percent | 63%, 78%, 68% |
| CMY | 0.3725, 0.2235, 0.3216 |
| CMYK | 0.19, 0.00, 0.13, 0.22 |
| HSL | 141°, 25%, 70% |
| HSV | 141°, 19%, 78% |
| XYZ | 42.2341, 50.8789, 47.1298 |
| YIQ | 183.7880, -14.6230, -15.8310 |

Conversions

Conversions Part 2

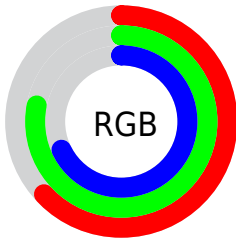
| Format | Color |
|-------------------------------------|---|
| RYB | 160, 188, 198 |
| Decimal | 10536621 |
| CIELab | 76.61, -17.62, 8.38 |
| CIELCh | 77, 19.507, 154.574 |
| Yxy | 50.8789, 0.3011, 0.3628 |
| Android (android.graphics.Color) | 4288726701 (0xFFA0C6AD) |
| YUV | 183.7880, -5.3185, -20.8621 |
| Hunter-Lab | 71.3294, -19.1368, 10.7557 |

Details

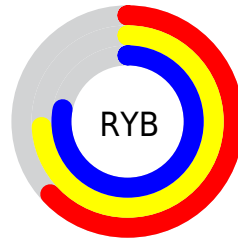
The XYZ color **42.2341, 50.8789, 47.1298** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6182, 40.6513, 51.3960**, and the grayscale version is **45.4783, 47.8467, 52.1051**.

A 20% lighter version of the original color is **77.7879, 91.5685, 86.9734**, and **19.6088, 24.5151, 21.7876** is the 20% darker color. If you saturate the color by 10%, you get **37.3871, 48.5202, 40.6409**, and if you desaturate by 10%, it is **47.8373, 53.6160, 54.2979**.

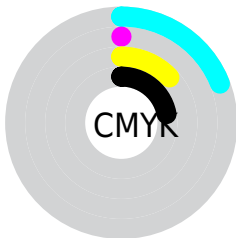
Distribution



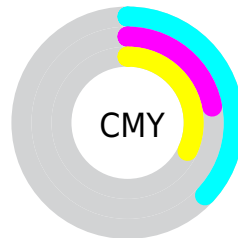
- Red (63%)
- Green (78%)
- Blue (68%)



- Red (63%)
- Yellow (74%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (37%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2341, 50.8789, 47.1298 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 42.2341, 50.8789, 47.1298 by changing the saturation by 10% instead.

■ 42.2341, 50.8789,
47.1298

■ 42.2341, 50.8789,
47.1298

346.4276,
390.0931, 391.7412

■ 29.4766, 36.1122,
32.7832

■ 77.8167, 91.4757,
87.2594

■ 19.5877, 24.5209,
21.6907

■ 101.3726,
118.0747, 113.8794

■ 12.2022, 15.7205,
13.4336

129.2585,
149.3866, 145.4276

■ 6.9547, 9.3266,
7.5936

161.8399,
185.7957, 182.3226

■ 3.4799, 4.9548,
3.7520

199.4822,
227.6866, 224.9830

■ 1.4123, 2.2208,
1.4903

242.5507,

■ 0.2650, 0.7313,

275.4435, 273.8271

0.2107

291.4107,
329.4509, 329.2737

■ 0.0000, 0.0000,
0.0000

■ 42.2341, 50.8789,
47.1298

■ 42.2341, 50.8789,
47.1298

■ 37.3871, 48.5202,
40.6409

■ 47.8373, 53.6160,
54.2979

■ 33.2588, 46.5168,
34.8079

■ 54.2236, 56.7409,
62.1608

■ 29.8147, 44.8528,
29.6113

■ 61.4238, 60.2704,
70.7379

■ 27.0159, 43.5085,
25.0291

■ 69.4658, 64.2184,
80.0467

■ 24.8192, 42.4621,
21.0381

■ 76.8877, 67.8312,
90.0344

■ 23.1757, 41.6890,
17.6136

■ 78.8734, 68.6255,
100.4909

■ 22.0287, 41.1603,
14.7290

■ 79.4851, 68.8701,
103.7117

■ 21.2826, 40.8275,
12.3542

■ 21.2304, 40.8043,
12.1835

Harmonies

Analogous

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



44.4461, 50.8789, 40.3048



42.2341, 50.8789, 47.1298



41.6302, 50.8789, 57.0335

Triad

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



42.2341, 50.8789, 47.1298



48.9264, 50.8789, 78.2041



54.4348, 50.8789, 44.6564

Complementary

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



42.2341, 50.8789, 47.1298



44.6182, 40.6513, 51.3960

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.



55.7761, 50.8789, 53.7950



42.2341, 50.8789, 47.1298



52.4948, 50.8789, 73.8560

Square

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



42.2341, 50.8789, 47.1298



45.3782, 50.8789, 75.8348



55.0489, 50.8789, 64.5818



51.4673, 50.8789, 39.0092

Rectangle

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



42.2341, 50.8789, 47.1298



42.1934, 50.8789, 64.2790



55.0489, 50.8789, 64.5818



55.0975, 50.8789, 47.3761

Sweetspot

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



42.2355, 50.8810, 47.1309



88.0648, 96.5813, 100.3339



46.6292, 53.2845, 41.0856



18.6935, 20.5961, 21.2820



0.0000, 0.0000, 0.0000



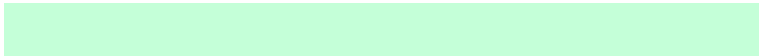
20.3446, 21.4041, 23.3091

Same Dimension

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



42.2355, 50.8810, 47.1309



71.0643, 88.2820, 78.5409



44.1705, 51.6550, 57.3203



10.6447, 11.9468, 12.0793



13.8424, 26.5493, 8.1144



0.6895, 1.2707, 0.5636

Inverse Universe

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



44.6182, 40.6513, 51.3960



76.0452, 66.8924, 87.4528



42.7746, 39.9139, 41.6874



10.9230, 10.7526, 12.5777



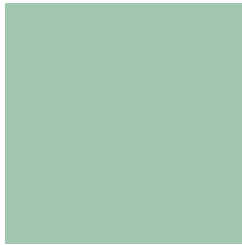
17.8187, 8.8770, 14.7869



0.8767, 0.4335, 0.8739

Previews

White Background



This preview shows how the XYZ color 42.2341, 50.8789, 47.1298 looks on a white background.

Color Contrast Check

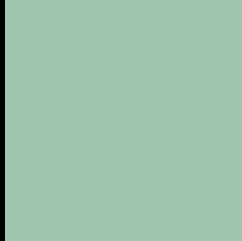
Large Text (above 18pt) WCAG AA × Fail

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 42.2341, 50.8789, 47.1298 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 42.2341, 50.8789, 47.1298

Background



This preview shows how black text looks on a background with the XYZ color 42.2341, 50.8789, 47.1298.



This preview shows how white text looks on a background with the XYZ color 42.2341, 50.8789,

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

42.2341, 50.8789, 47.1298

Protanopia

48.0771, 50.6639, 44.2910

Deuteranopia

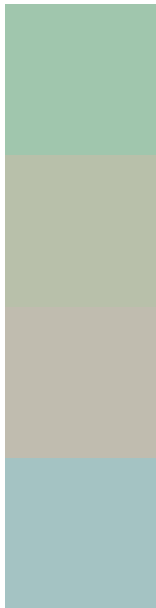
51.4284, 50.4394, 48.0995



Tritanopia

46.1810, 50.8010, 67.0461

Trichromacy



Original Color

42.2341, 50.8789, 47.1298

Protanomaly

45.8725, 50.7919, 45.4163

Deuteranomaly

47.4593, 50.2681, 47.7588

Tritanomaly

44.6753, 50.8629, 59.0926

Monochromacy



Original Color

42.2341, 50.8789, 47.1298

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.1150, 48.8044, 50.2751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2341, 50.8789, 47.1298 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(160, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 198, 173) }
```

Border

The CSS property to change the border of an element to XYZ 42.2341, 50.8789, 47.1298 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(160, 198, 173) }
```


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

```
.border{ border-color:rgb(160, 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(160, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(160, 198,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2341, 50.8789, 47.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 198, 173) }
```

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

```
.background{ background-color: rgb(160,  
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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