

Converting Colors

XYZ(42.6364, 52.4933, 43.3367)

Have a look what the booklet for
XYZ(42.6364, 52.4933, 43.3367)
contains.

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Color

**XYZ(42.6100, 52.5347,
43.4917)**

Conversions

Conversions Part 1

Format	Color
Hex	A1CAA5
RGB	161, 202, 165
RGB Percent	63%, 79%, 65%
CMY	0.3686, 0.2078, 0.3529
CMYK	0.20, 0.00, 0.18, 0.21
HSL	126°, 28%, 71%
HSV	126°, 20%, 79%
XYZ	42.6100, 52.5347, 43.4917
YIQ	185.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

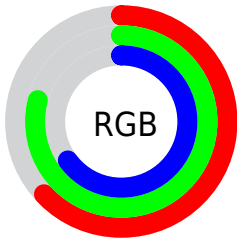
Format	Color
RYB	161, 198, 202
Decimal	10603173
CIELab	77.60, -20.77, 14.09
CIELCh	78, 25.099, 145.858
Yxy	52.5347, 0.3074, 0.3789
Android (android.graphics.Color)	4288793253 (0xFFA1CAA5)
YUV	185.5230, -10.1178, -21.5067
Hunter-Lab	72.4808, -21.9049, 15.1600

Details

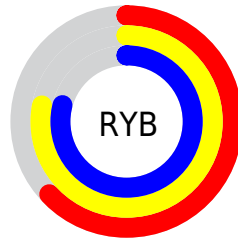
The XYZ color **42.6100, 52.5347, 43.4917** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.2969, 42.1248, 59.0665**, and the grayscale version is **46.4663, 48.8862, 53.2371**.

A 20% lighter version of the original color is **76.9972, 91.2862, 81.2720**, and **19.8772, 25.6233, 19.5209** is the 20% darker color. If you saturate the color by 10%, you get **37.3208, 49.9878, 35.1916**, and if you desaturate by 10%, it is **48.7963, 55.5198, 53.0706**.

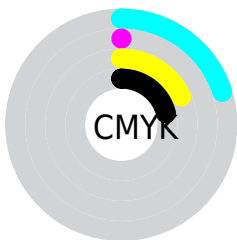
Distribution



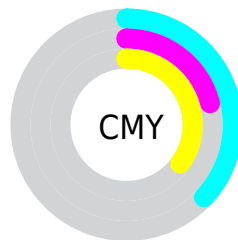
- Red (63%)
- Green (79%)
- Blue (65%)



- Red (63%)
- Yellow (78%)
- Blue (79%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (37%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6100, 52.5347, 43.4917 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 42.6100, 52.5347, 43.4917 by changing the saturation by 10% instead.

■ 42.6100, 52.5347,
43.4917

■ 42.6100, 52.5347,
43.4917

347.9542,
396.4974, 376.6105

■ 29.7724, 37.4315,
29.9368

■ 78.3814, 93.9193,
81.7466

■ 19.8131, 25.5417,
19.5390

■ 102.0459,
120.9695, 107.2838

■ 12.3668, 16.4811,
11.8797

130.0501,
152.7708, 137.6521

■ 7.0679, 9.8652,
6.5402

162.7594,
189.7075, 173.2702

■ 3.5513, 5.3097,
3.1022

200.5391,
232.1642, 214.5565

■ 1.4516, 2.4301,
1.1471

243.7546,

■ 0.2925, 0.8413,

280.5251, 261.9296

0.0000

292.7711,
335.1747, 315.8081

■ 0.0000, 0.0000,
0.0000

■ 42.6100, 52.5347,
43.4917

■ 42.6100, 52.5347,
43.4917

■ 37.3208, 49.9878,
35.1916

■ 48.7963, 55.5198,
53.0706

■ 32.8829, 47.8520,
28.1130

■ 55.9141, 58.9551,
63.9755

■ 29.2529, 46.1079,
22.1992

■ 64.0015, 62.8609,
76.2556

■ 26.3821, 44.7314,
17.3878

■ 73.0928, 67.2538,
89.9564

■ 24.2161, 43.6961,
13.6106

■ 80.4115, 70.7230,
104.0205

■ 22.6934, 42.9720,
10.7917

■ 21.7421, 42.5237,
8.8448

■ 21.2452, 42.2925,
7.6918

Harmonies

Analogous

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



45.9774, 52.5347, 36.3889



42.6100, 52.5347, 43.4917



41.2027, 52.5347, 55.2953

Triad

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



42.6100, 52.5347, 43.4917



49.2626, 52.5347, 88.1637



58.7969, 52.5347, 46.3327

Complementary

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



42.6100, 52.5347, 43.4917



47.2969, 42.1248, 59.0665

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.



59.8161, 52.5347, 59.1507



42.6100, 52.5347, 43.4917



54.1084, 52.5347, 84.7365

Square

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



42.6100, 52.5347, 43.4917



44.8829, 52.5347, 82.2562



58.0496, 52.5347, 73.5260



55.3477, 52.5347, 37.8334

Rectangle

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



42.6100, 52.5347, 43.4917



41.4940, 52.5347, 64.8088



58.0496, 52.5347, 73.5260



59.4443, 52.5347, 50.2139

Sweetspot

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



42.6114, 52.5369, 43.4929



87.4994, 96.3552, 97.3568



50.9985, 56.9020, 42.0141



18.5603, 20.5428, 20.5804



0.0000, 0.0000, 0.0000



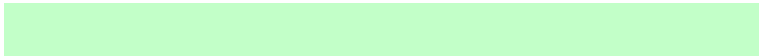
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6114, 52.5369, 43.4929



68.3554, 87.1223, 67.7168



44.5682, 53.3196, 53.7972



11.1118, 12.5545, 12.1460



13.6856, 27.2196, 5.0295



0.7216, 1.4104, 0.3414

Inverse Universe

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



47.2969, 42.1248, 59.0665



77.5908, 66.5960, 98.4113



45.1479, 41.2652, 47.7501



11.6385, 11.3841, 13.8971



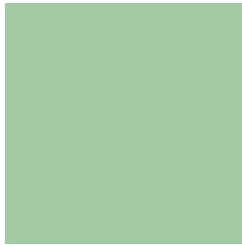
21.1447, 10.2685, 29.5444



1.1048, 0.5353, 1.5980

Previews

White Background



This preview shows how the XYZ color 42.6100, 52.5347, 43.4917 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 42.6100, 52.5347, 43.4917 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

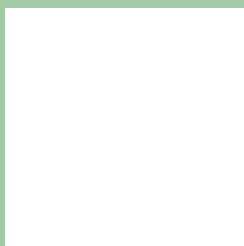
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6100, 52.5347, 43.4917

Background



This preview shows how black text looks on a background with the XYZ color 42.6100, 52.5347, 43.4917.



This preview shows how white text looks on a background with the XYZ color 42.6100, 52.5347,

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

42.6100, 52.5347, 43.4917

Protanopia

49.2459, 52.3214, 40.3044

Deuteranopia

53.2154, 52.0510, 44.7782



Tritanopia

47.8600, 52.6180, 69.2618

Trichromacy



Original Color

42.6100, 52.5347, 43.4917

Protanomaly

46.4416, 52.1682, 41.3399

Deuteranomaly

48.7246, 51.9591, 44.5068

Tritanomaly

45.6576, 52.3902, 58.7448

Monochromacy



Original Color

42.6100, 52.5347, 43.4917

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.0170, 50.2607, 49.4481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6100, 52.5347, 43.4917 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(161, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(161, 202, 165)  
}
```

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(161, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 202, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.6100, 52.5347, 43.4917 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(161, 202, 165) }
```


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

```
.border{ border-color:rgb(161, 202, 165) }
```

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

Here you see how a box with a 4 pixel rgb(161, 202, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 202,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6100, 52.5347, 43.4917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 202, 165) }
```

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

```
.background{ background-color: rgb(161,  
202, 165) }
```

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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