

Converting Colors

XYZ(42.7317, 51.2054, 35.6271)

Have a look what the booklet for
XYZ(42.7317, 51.2054, 35.6271)
contains.

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Color

**XYZ(42.5451, 50.9549,
35.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC594
RGB	173, 197, 148
RGB Percent	68%, 77%, 58%
CMY	0.3216, 0.2274, 0.4196
CMYK	0.12, 0.00, 0.25, 0.23
HSL	89°, 30%, 68%
HSV	89°, 25%, 77%
XYZ	42.5451, 50.9549, 35.6099
YIQ	184.2380, 1.4250, -20.3270

Conversions

Conversions Part 2

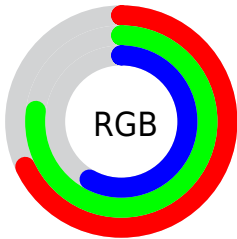
Format	Color
RYB	148, 197, 172
Decimal	11388308
CIELab	76.65, -16.88, 21.95
CIELCh	77, 27.691, 127.566
Yxy	50.9549, 0.3295, 0.3947
Android (android.graphics.Color)	4289578388 (0xFFADC594)
YUV	184.2380, -17.8653, -9.8557
Hunter-Lab	71.3827, -18.5312, 20.3905

Details

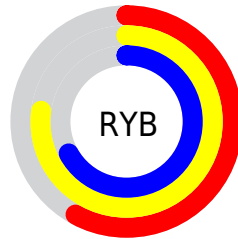
The XYZ color **42.5451, 50.9549, 35.6099** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.6834, 33.9832, 57.3995**, and the grayscale version is **45.7878, 48.1724, 52.4597**.

A 20% lighter version of the original color is **78.4156, 91.8059, 69.4645**, and **19.7259, 24.5011, 14.9988** is the 20% darker color. If you saturate the color by 10%, you get **39.0595, 49.3246, 27.9882**, and if you desaturate by 10%, it is **46.4530, 52.7752, 44.6389**.

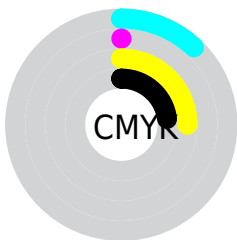
Distribution



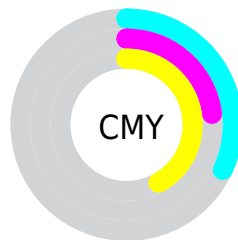
- Red (68%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)





- Cyan (32%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5451, 50.9549, 35.6099 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 42.5451, 50.9549, 35.6099 by changing the saturation by 10% instead.


 42.5451, 50.9549,
35.6099


 42.5451, 50.9549,
35.6099


347.6909,
390.3885, 342.2380

 29.7213, 36.1727,
23.8458


 78.2839, 91.5881,
69.5918

 19.7742, 24.5676,
15.0081


 101.9297,
118.2079, 92.6466

 12.3383, 15.7552,
8.6784

129.9136,
149.5424, 120.3021

 7.0484, 9.3511,
4.4381

162.6008,
185.9759, 152.9767

 3.5390, 4.9709,
1.8686

200.3568,
227.8929, 191.0891

 1.4448, 2.2302,
0.4727

243.5469,

 0.2878, 0.7364,

275.6777, 235.0577

0.0000

292.5365,
329.7148, 285.3012

■ 0.0000, 0.0000,
0.0000

■ 42.5451, 50.9549,
35.6099

■ 42.5451, 50.9549,
35.6099

■ 39.0595, 49.3246,
27.9882

■ 46.4530, 52.7752,
44.6389

■ 35.9755, 47.8708,
21.6995

■ 50.7947, 54.7856,
55.1376

■ 33.2765, 46.5880,
16.6678

■ 55.5865, 56.9945,
67.1690

■ 30.9429, 45.4680,
12.8082

■ 60.8422, 59.4079,
80.7912

■ 28.9531, 44.5017,
10.0250

■ 66.5751, 62.0313,
96.0594

■ 27.2822, 43.6789,
8.2078

■ 70.9410, 64.1274,
103.2466

■ 25.9011, 42.9872,
7.2222

■ 74.1406, 65.7769,
103.3963

■ 25.2784, 42.6726,
6.9043

■ 77.5147, 67.5163,
103.5542

■ 79.2573, 68.4147,
103.6358

Harmonies

Analogous

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



47.1168, 50.9549, 31.5135



42.5451, 50.9549, 35.6099



39.7033, 50.9549, 45.1828

Triad

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



42.5451, 50.9549, 35.6099



44.6873, 50.9549, 86.6508



59.1199, 50.9549, 51.7686

Complementary

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



42.5451, 50.9549, 35.6099



37.6834, 33.9832, 57.3995

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.



58.3525, 50.9549, 67.2364



42.5451, 50.9549, 35.6099



49.7696, 50.9549, 89.2783

Square

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



42.5451, 50.9549, 35.6099



40.8765, 50.9549, 74.9959



54.8364, 50.9549, 81.6373



56.8635, 50.9549, 39.6845

Rectangle

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



42.5451, 50.9549, 35.6099



39.0471, 50.9549, 54.2647



54.8364, 50.9549, 81.6373



59.2097, 50.9549, 56.7158

Sweetspot

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



42.5464, 50.9571, 35.6110



89.1639, 97.2824, 94.3136



43.0656, 43.3950, 34.1240



18.9802, 20.7741, 19.9317



0.0000, 0.0000, 0.0000



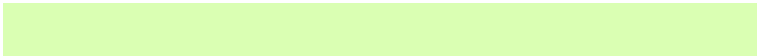
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5464, 50.9571, 35.6110



72.6181, 89.5869, 55.8478



37.6741, 48.4454, 35.3830



11.0047, 12.1493, 11.3278



16.7226, 28.1161, 4.5456



0.8753, 1.3743, 0.2191

Inverse Universe

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



37.6834, 33.9832, 57.3995



62.3813, 53.8551, 101.7150



43.4827, 36.9728, 57.6709



10.5431, 10.5382, 13.3959



9.9324, 4.3546, 35.0614



0.5539, 0.2493, 1.6641

Previews

White Background



This preview shows how the XYZ color 42.5451, 50.9549, 35.6099 looks on a white background.

Color Contrast Check

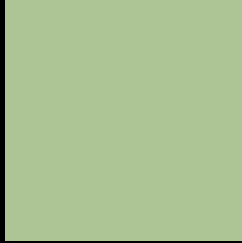
Large Text (above 18pt) WCAG AA × Fail

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 42.5451, 50.9549, 35.6099 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

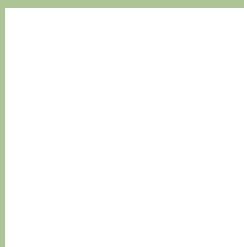
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5451, 50.9549, 35.6099

Background



This preview shows how black text looks on a background with the XYZ color 42.5451, 50.9549, 35.6099.



This preview shows how white text looks on a background with the XYZ color 42.5451, 50.9549,

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

42.5451, 50.9549, 35.6099

Protanopia

47.5888, 50.9654, 33.7147

Deuteranopia

51.6250, 50.4978, 36.3043



Tritanopia

48.4890, 51.0584, 65.0572

Trichromacy



Original Color

42.5451, 50.9549, 35.6099

Protanomaly

45.4463, 50.8200, 34.2020

Deuteranomaly

47.9039, 50.4392, 36.0651

Tritanomaly

46.0818, 51.0656, 52.7753

Monochromacy



Original Color

42.5451, 50.9549, 35.6099

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.3707, 49.0388, 45.6549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5451, 50.9549, 35.6099 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(173, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 148)  
}
```

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(173, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 148) }
```

Border

The CSS property to change the border of an element to XYZ 42.5451, 50.9549, 35.6099 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(173, 197, 148) }
```


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

```
.border{ border-color:rgb(173, 197, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 197, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5451, 50.9549, 35.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 148) }
```

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

```
.background{ background-color: rgb(173,  
197, 148) }
```

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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