

Converting Colors

XYZ(41.1947, 50.5301, 35.5993)

Have a look what the booklet for
XYZ(41.1947, 50.5301, 35.5993)
contains.

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Color

**XYZ(41.2653, 50.6333,
35.6153)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C694
RGB	166, 198, 148
RGB Percent	65%, 78%, 58%
CMY	0.3490, 0.2235, 0.4196
CMYK	0.16, 0.00, 0.25, 0.22
HSL	98°, 30%, 68%
HSV	98°, 25%, 78%
XYZ	41.2653, 50.6333, 35.6153
YIQ	182.7320, -3.0220, -22.3340

Conversions

Conversions Part 2

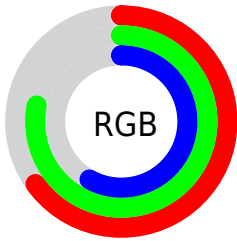
Format	Color
RYB	148, 198, 180
Decimal	10929812
CIELab	76.46, -19.91, 21.61
CIELCh	76, 29.383, 132.668
Yxy	50.6333, 0.3236, 0.3971
Android (android.graphics.Color)	4289119892 (0xFFA6C694)
YUV	182.7320, -17.1229, -14.6740
Hunter-Lab	71.1571, -21.0095, 20.1343

Details

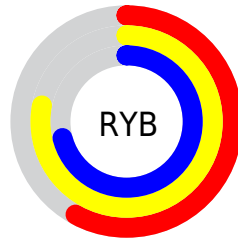
The XYZ color **41.2653, 50.6333, 35.6153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.6074, 34.9618, 58.0896**, and the grayscale version is **44.9561, 47.2973, 51.5067**.

A 20% lighter version of the original color is **76.5449, 91.3139, 69.4681**, and **18.9410, 24.3203, 15.0053** is the 20% darker color. If you saturate the color by 10%, you get **37.3035, 48.7583, 27.9369**, and if you desaturate by 10%, it is **45.7597, 52.7549, 44.7202**.

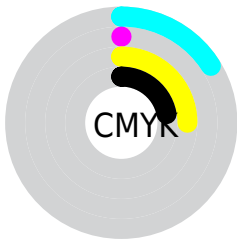
Distribution



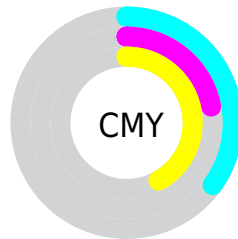
- Red (65%)
- Green (78%)
- Blue (58%)



- Red (58%)
- Yellow (78%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2653, 50.6333, 35.6153 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 41.2653, 50.6333, 35.6153 by changing the saturation by 10% instead.

■ 41.2653, 50.6333,
35.6153

■ 41.2653, 50.6333,
35.6153

342.4719,
389.1374, 342.2624

■ 28.7150, 35.9169,
23.8499

■ 76.3586, 91.1125,
69.6002

■ 19.0085, 24.3700,
15.0111

■ 99.6324, 117.6440,
92.6568

■ 11.7805, 15.6083,
8.6805

127.2114,
148.8827, 120.3142

■ 6.6655, 9.2474,
4.4394

159.4609,
185.2130, 152.9910

■ 3.2983, 4.9029,
1.8694

196.7464,
227.0192, 191.1056

■ 1.3134, 2.1904,
0.4731

239.4331,

■ 0.1932, 0.7148,

274.6857, 235.0767

0.0000

287.8865,
328.5970, 285.3228

■ 0.0000, 0.0000,
0.0000

■ 41.2653, 50.6333,
35.6153

■ 41.2653, 50.6333,
35.6153

■ 37.3035, 48.7583,
27.9369

■ 45.7597, 52.7549,
44.7202

■ 33.8492, 47.1140,
21.6094

■ 50.8027, 55.1254,
55.3154

■ 30.8809, 45.6926,
16.5554

■ 56.4143, 57.7552,
67.4648

■ 28.3740, 44.4832,
12.6884

■ 62.6125, 60.6523,
81.2276

■ 26.3013, 43.4740,
9.9108

■ 69.4143, 63.8242,
96.6598

■ 24.6322, 42.6517,
8.1097

■ 74.8765, 66.4944,
103.4960

■ 23.3306, 42.0007,
7.1472

■ 79.3794, 68.8157,
103.7068

■ 22.8138, 41.7402,
6.8543

■ 79.4851, 68.8702,
103.7117

Harmonies

Analogous

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



45.8285, 50.6333, 30.4151



41.2653, 50.6333, 35.6153



38.6622, 50.6333, 46.5383

Triad

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



41.2653, 50.6333, 35.6153



45.0233, 50.6333, 89.6546



59.2764, 50.6333, 48.7120

Complementary

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



41.2653, 50.6333, 35.6153



39.6074, 34.9618, 58.0896

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.



59.0191, 50.6333, 64.7213



41.2653, 50.6333, 35.6153



50.4978, 50.6333, 90.5457

Square

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



41.2653, 50.6333, 35.6153



40.7148, 50.6333, 78.4821



55.7066, 50.6333, 80.7234



56.3847, 50.6333, 36.9426

Rectangle

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



41.2653, 50.6333, 35.6153



38.2558, 50.6333, 56.5622



55.7066, 50.6333, 80.7234



59.5614, 50.6333, 53.7242

Sweetspot

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



41.2666, 50.6355, 35.6164



87.2961, 96.3623, 92.2934



44.8901, 46.6541, 34.6569



18.3887, 20.4863, 19.1294



0.0000, 0.0000, 0.0000



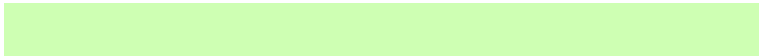
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2666, 50.6355, 35.6164



69.3101, 87.8816, 55.6930



38.2968, 49.0417, 38.3123



10.8518, 12.0706, 11.3207



14.9213, 27.1875, 4.4613



0.7856, 1.3281, 0.2149

Inverse Universe

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



39.6074, 34.9618, 58.0896



65.8949, 55.6664, 101.8794



43.3213, 36.9632, 54.3365



10.6985, 10.6183, 13.4032



12.3906, 5.6218, 35.1764



0.6638, 0.3059, 1.6692

Previews

White Background



This preview shows how the XYZ color 41.2653, 50.6333, 35.6153 looks on a white background.

Color Contrast Check

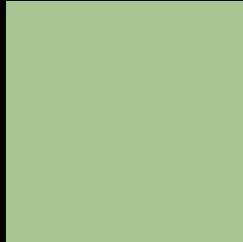
Large Text (above 18pt) WCAG AA × Fail

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 41.2653, 50.6333, 35.6153 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 41.2653, 50.6333, 35.6153

Background



This preview shows how black text looks on a background with the XYZ color 41.2653, 50.6333, 35.6153.



This preview shows how white text looks on a background with the XYZ color 41.2653, 50.6333, 35.6153.

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

41.2653, 50.6333, 35.6153

Protanopia

47.0285, 50.3671, 33.2298

Deuteranopia

51.4048, 50.3748, 36.7198



Tritanopia

47.2332, 50.3971, 65.6307

Trichromacy



Original Color

41.2653, 50.6333, 35.6153

Protanomaly

44.6995, 50.4350, 34.1671

Deuteranomaly

47.1757, 50.0544, 36.4532

Tritanomaly

44.8402, 50.4134, 53.2664

Monochromacy



Original Color

41.2653, 50.6333, 35.6153

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.3704, 48.2158, 45.0509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2653, 50.6333, 35.6153 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(166, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(166, 198, 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(166, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 198, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.2653, 50.6333, 35.6153 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(166, 198, 148) }
```


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

```
.border{ border-color:rgb(166, 198, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 198, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 198, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 198, 148);  
box-shadow:4px 4px 4px 4px rgb(166, 198,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2653, 50.6333, 35.6153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 198, 148) }
```

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

```
.background{ background-color: rgb(166,  
198, 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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