

Converting Colors

XYZ(34.6731, 41.4991, 35.0380)

Have a look what the booklet for
XYZ(34.6731, 41.4991, 35.0380)
contains.

XYZ(34.5888, 41.4238, 35.0267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5888, 41.4238,
35.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	97B496
RGB	151, 180, 150
RGB Percent	59%, 71%, 59%
CMY	0.4078, 0.2941, 0.4118
CMYK	0.16, 0.00, 0.17, 0.29
HSL	118°, 17%, 65%
HSV	118°, 17%, 71%
XYZ	34.5888, 41.4238, 35.0267
YIQ	167.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

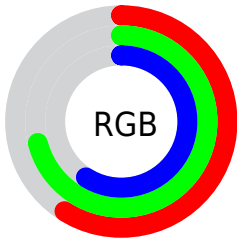
Format	Color
RYB	150, 180, 179
Decimal	9942166
CIELab	70.47, -15.75, 12.05
CIELCh	70, 19.831, 142.580
Yxy	41.4238, 0.3115, 0.3731
Android (android.graphics.Color)	4288132246 (0xFF97B496)
YUV	167.9090, -8.8291, -14.8292
Hunter-Lab	64.3613, -16.7036, 12.7861

Details

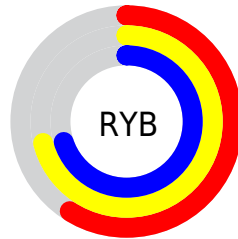
The XYZ color **34.5888, 41.4238, 35.0267** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.7365, 34.6928, 47.8895**, and the grayscale version is **37.2204, 39.1587, 42.6438**.

A 20% lighter version of the original color is **66.0714, 77.3297, 68.5705**, and **15.0970, 18.7889, 14.6353** is the 20% darker color. If you saturate the color by 10%, you get **30.2550, 39.3456, 27.8300**, and if you desaturate by 10%, it is **39.6242, 43.8403, 43.4203**.

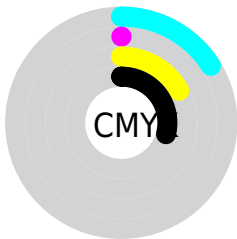
Distribution



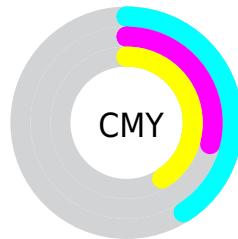
- Red (59%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5888, 41.4238, 35.0267 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 34.5888, 41.4238, 35.0267 by changing the saturation by 10% instead.

■ 34.5888, 41.4238,
35.0267

■ 34.5888, 41.4238,
35.0267

314.2895,
352.0888, 339.5940

■ 23.5113, 28.6504,
23.3997

■ 66.1865, 77.3268,
68.6792

■ 15.0943, 18.8165,
14.6809

■ 87.4374, 101.2252,
91.5417

■ 8.9723, 11.5378,
8.4516

112.8102,
129.6007, 118.9866

■ 4.7801, 6.4298,
4.2934

142.6702,
162.8377, 151.4323

■ 2.1523, 3.1081,
1.7876

177.3828,
201.3207, 189.2973

■ 0.7174, 1.1884,
0.4198

217.3133,

■ 0.0000, 0.0522,

245.4339, 233.0003

0.0000

262.8271,
295.5618, 282.9596

■ 0.0000, 0.0000,
0.0000

■ 34.5888, 41.4238,
35.0267

■ 34.5888, 41.4238,
35.0267

■ 30.2550, 39.3456,
27.8300

■ 39.6242, 43.8403,
43.4203

■ 26.5885, 37.5857,
21.7732

■ 45.3869, 46.6037,
53.0589

■ 23.5571, 36.1300,
16.7986

■ 51.9053, 49.7288,
63.9913

■ 21.1249, 34.9612,
12.8425

■ 59.2054, 53.2281,
76.2629

■ 19.2519, 34.0603,
9.8345

■ 67.3119, 57.1133,
89.9169

■ 17.8938, 33.4061,
7.6953

■ 75.6120, 61.1241,
102.4207

■ 16.9992, 32.9741,
6.3328

■ 16.5037, 32.7339,
5.6207

■ 16.3971, 32.6828,
5.4442

Harmonies

Analogous

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



37.0080, 41.4238, 30.4421



34.5888, 41.4238, 35.0267



33.4631, 41.4238, 42.8187

Triad

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



34.5888, 41.4238, 35.0267



38.5660, 41.4238, 65.4091



45.4647, 41.4238, 38.5395

Complementary

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



34.5888, 41.4238, 35.0267



37.7365, 34.6928, 47.8895

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.



45.9386, 41.4238, 47.4681



34.5888, 41.4238, 35.0267



41.8348, 41.4238, 63.8471

Square

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



34.5888, 41.4238, 35.0267



35.6753, 41.4238, 60.9612



44.5772, 41.4238, 56.9483



43.3158, 41.4238, 32.2659

Rectangle

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



34.5888, 41.4238, 35.0267



33.5514, 41.4238, 49.1382



44.5772, 41.4238, 56.9483



45.8298, 41.4238, 41.2959

Sweetspot

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



34.5899, 41.4256, 35.0276



73.4076, 80.2380, 81.3387



40.4493, 44.1475, 35.2442



15.7174, 17.2710, 17.3320



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.5899, 41.4256, 35.0276



59.6833, 73.6549, 58.4675



35.6010, 41.8087, 41.3167



8.4143, 9.5031, 9.0433



11.4551, 22.8154, 3.8001



0.3691, 0.7223, 0.1200

Inverse Universe

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



37.7365, 34.6928, 47.8895



66.4687, 59.1347, 86.2055



36.6130, 34.2702, 40.7628



8.8215, 8.6320, 10.7075



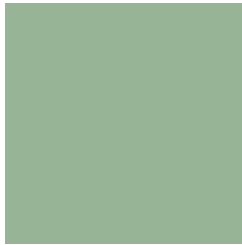
17.9446, 8.5866, 30.8486



0.5732, 0.2746, 0.9710

Previews

White Background



This preview shows how the XYZ color 34.5888, 41.4238, 35.0267 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 34.5888, 41.4238, 35.0267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

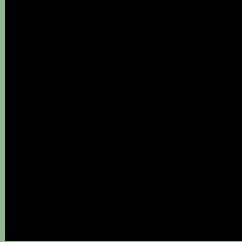
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5888, 41.4238, 35.0267

Background



This preview shows how black text looks on a background with the XYZ color 34.5888, 41.4238, 35.0267.



This preview shows how white text looks on a background with the XYZ color 34.5888, 41.4238,

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

34.5888, 41.4238, 35.0267

Protanopia

38.9969, 41.4041, 33.1306

Deuteranopia

42.1509, 41.3081, 35.8887



Tritanopia

38.4199, 41.5022, 54.1299

Trichromacy



Original Color

34.5888, 41.4238, 35.0267

Protanomaly

37.1740, 41.3126, 33.6186

Deuteranomaly

39.0528, 41.0961, 35.5798

Tritanomaly

36.9776, 41.5080, 46.6204

Monochromacy



Original Color

34.5888, 41.4238, 35.0267

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.0858, 39.7596, 39.4907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5888, 41.4238, 35.0267 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(151, 180, 150)` looks like.

```
.text, #text, p{  
    color:rgb(151, 180, 150)  
}
```

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(151, 180, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 180, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.5888, 41.4238, 35.0267 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(151, 180, 150) }
```


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

```
.border{ border-color:rgb(151, 180, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 180, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 180, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 180, 150);  
box-shadow:4px 4px 4px 4px rgb(151, 180,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5888, 41.4238, 35.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 180, 150) }
```

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

```
.background{ background-color: rgb(151,  
180, 150) }
```

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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