

Converting Colors

XYZ(35.3355, 47.6555, 31.7622)

Have a look what the booklet for
XYZ(35.3355, 47.6555, 31.7622)
contains.

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Color

**XYZ(35.3355, 47.6555,
31.7622)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC68B
RGB	138, 198, 139
RGB Percent	54%, 78%, 55%
CMY	0.4588, 0.2235, 0.4549
CMYK	0.30, 0.00, 0.30, 0.22
HSL	121°, 34%, 66%
HSV	121°, 30%, 78%
XYZ	35.3355, 47.6555, 31.7622
YIQ	173.3340, -16.8210, -31.0690

Conversions

Conversions Part 2

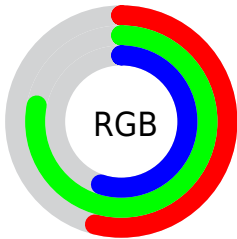
Format	Color
RYB	138, 197, 198
Decimal	9094795
CIELab	74.61, -31.02, 23.58
CIELCh	75, 38.967, 142.766
Yxy	47.6555, 0.3079, 0.4153
Android (android.graphics.Color)	4287284875 (0xFF8AC68B)
YUV	173.3340, -16.9267, -30.9879
Hunter-Lab	69.0330, -29.4399, 21.0436

Details

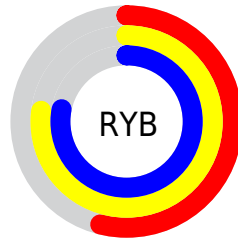
The XYZ color **35.3355, 47.6555, 31.7622** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.4568, 34.2149, 57.1915**, and the grayscale version is **39.9819, 42.0641, 45.8078**.

A 20% lighter version of the original color is **67.3780, 86.7077, 63.6371**, and **15.5725, 22.6295, 12.7797** is the 20% darker color. If you saturate the color by 10%, you get **31.0553, 45.6004, 24.7857**, and if you desaturate by 10%, it is **40.4688, 50.1239, 40.1032**.

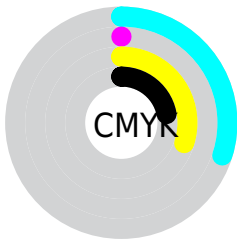
Distribution



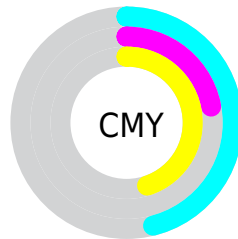
- Red (54%)
- Green (78%)
- Blue (55%)



- Red (54%)
- Yellow (77%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)





- Cyan (46%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3355, 47.6555, 31.7622 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 35.3355, 47.6555, 31.7622 by changing the saturation by 10% instead.


 35.3355, 47.6555,
31.7622


 35.3355, 47.6555,
31.7622


317.5289,
377.4250, 324.4938


 24.0892, 33.5542,
20.9166


 67.3358, 86.6913,
63.5317

 15.5249, 22.5513,
12.8724


 88.8204, 112.3945,
85.2927

 9.2773, 14.2625,
7.2111

 114.4486,
142.7337, 111.5292

 4.9810, 8.3035,
3.5140

144.5855,
178.0935, 142.6598

 2.2708, 4.2898,
1.3627

179.5967,
218.8581, 179.1030

 0.7797, 1.8369,
0.1124

219.8474,

 0.0000, 0.5100,

265.4119, 221.2774

0.0000

265.7030,
318.1394, 269.6015

■ 0.0000, 0.0000,
0.0000

■ 35.3355, 47.6555,
31.7622

■ 35.3355, 47.6555,
31.7622

■ 31.0553, 45.6004,
24.7857

■ 40.4688, 50.1239,
40.1032

■ 27.5785, 43.9303,
19.0982

■ 46.4939, 53.0200,
49.8724

■ 24.8562, 42.6232,
14.6216

■ 53.4518, 56.3648,
61.1335

■ 22.8324, 41.6519,
11.2684

■ 61.3796, 60.1764,
73.9455

■ 21.4434, 40.9860,
8.9389

■ 70.3126, 64.4717,
88.3638

■ 20.6140, 40.5891,
7.5163

■ 79.4850, 68.8700,
103.7117

■ 20.2131, 40.3973,
6.8270

Harmonies

Analogous

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



40.2486, 47.6555, 23.6887



35.3355, 47.6555, 31.7622



33.1325, 47.6555, 47.1515

Triad

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



35.3355, 47.6555, 31.7622



43.6093, 47.6555, 100.7262



58.9821, 47.6555, 38.2668

Complementary

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



35.3355, 47.6555, 31.7622



42.4568, 34.2149, 57.1915

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.



60.1203, 47.6555, 56.9331



35.3355, 47.6555, 31.7622



50.7468, 47.6555, 96.5586

Square

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



35.3355, 47.6555, 31.7622



37.5770, 47.6555, 89.3489



56.9697, 47.6555, 79.1070



54.0038, 47.6555, 26.7074

Rectangle

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



35.3355, 47.6555, 31.7622



33.3174, 47.6555, 60.9505



56.9697, 47.6555, 79.1070



59.8462, 47.6555, 43.7729

Sweetspot

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



35.3367, 47.6575, 31.7633



83.6820, 94.5350, 90.5033



47.8095, 54.0959, 31.9668



17.5462, 20.0588, 18.7798



0.0000, 0.0000, 0.0000



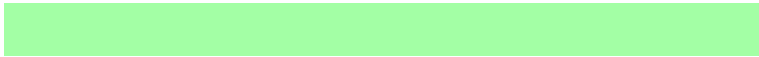
20.3446, 21.4041, 23.3091

Same Dimension

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



35.3367, 47.6575, 31.7633



57.6724, 82.0345, 48.2640



37.8381, 48.6580, 44.9350



10.5045, 11.8907, 11.3411



13.1477, 26.2714, 4.4561



0.6251, 1.2450, 0.2245

Inverse Universe

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



42.4568, 34.2149, 57.1915



72.1771, 54.6472, 100.0639



39.3537, 32.9736, 40.8508



11.0752, 10.8135, 13.3792



21.5322, 10.3625, 34.3422



1.0221, 0.4917, 1.6393

Previews

White Background



This preview shows how the XYZ color 35.3355, 47.6555, 31.7622 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 35.3355, 47.6555, 31.7622 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 35.3355, 47.6555, 31.7622

Background



This preview shows how black text looks on a background with the XYZ color 35.3355, 47.6555, 31.7622.



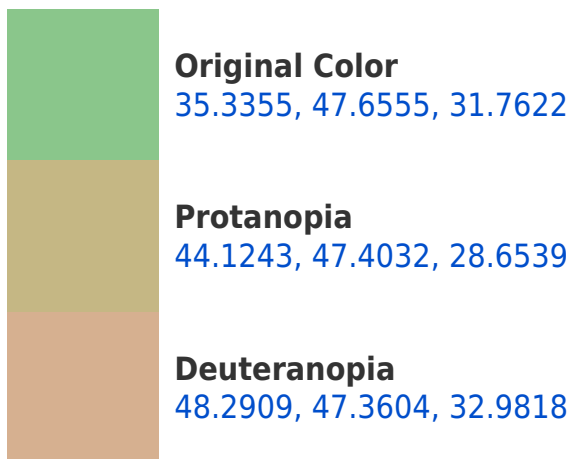
This preview shows how white text looks on a background with the XYZ color 35.3355, 47.6555,

31.7622.

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





Tritanopia

42.0106, 47.7187, 64.7540

Trichromacy



Original Color

35.3355, 47.6555, 31.7622

Protanomaly

40.2609, 46.9458, 29.8611

Deuteranomaly

42.2727, 46.6731, 32.3720

Tritanomaly

39.2645, 47.5871, 50.8318

Monochromacy



Original Color

35.3355, 47.6555, 31.7622

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.6582, 43.5027, 40.1303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3355, 47.6555, 31.7622 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(138, 198, 139)` looks like.

```
.text, #text, p{  
    color:rgb(138, 198, 139)  
}
```

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(138, 198, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 198, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.3355, 47.6555, 31.7622 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(138, 198, 139) }
```


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

```
.border{ border-color:rgb(138, 198, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 198, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 198, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 198, 139);  
box-shadow:4px 4px 4px 4px rgb(138, 198,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3355, 47.6555, 31.7622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 198, 139) }
```

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

```
.background{ background-color: rgb(138,  
198, 139) }
```

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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