

Converting Colors

XYZ(35.6927, 47.7605, 35.3545)

Have a look what the booklet for
XYZ(35.6927, 47.7605, 35.3545)
contains.

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Color

**XYZ(35.6927, 47.7605,
35.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	88C694
RGB	136, 198, 148
RGB Percent	53%, 78%, 58%
CMY	0.4667, 0.2235, 0.4196
CMYK	0.31, 0.00, 0.25, 0.22
HSL	132°, 35%, 65%
HSV	132°, 31%, 78%
XYZ	35.6927, 47.7605, 35.3545
YIQ	173.7620, -20.9020, -28.6940

Conversions

Conversions Part 2

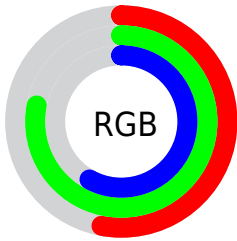
Format	Color
RYB	136, 188, 198
Decimal	8963732
CIELab	74.67, -30.10, 18.87
CIElCh	75, 35.528, 147.920
Yxy	47.7605, 0.3004, 0.4020
Android (android.graphics.Color)	4287153812 (0xFF88C694)
YUV	173.7620, -12.7007, -33.1173
Hunter-Lab	69.1090, -28.7508, 18.0449

Details

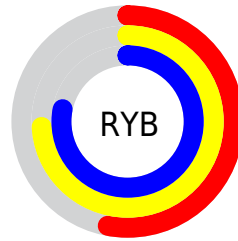
The XYZ color **35.6927, 47.7605, 35.3545** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.9573, 33.1602, 50.6981**, and the grayscale version is **40.1817, 42.2743, 46.0367**.

A 20% lighter version of the original color is **67.9065, 86.8606, 69.0638**, and **15.7871, 22.6944, 14.8577** is the 20% darker color. If you saturate the color by 10%, you get **31.5913, 45.7836, 29.0140**, and if you desaturate by 10%, it is **40.5650, 50.1174, 42.6433**.

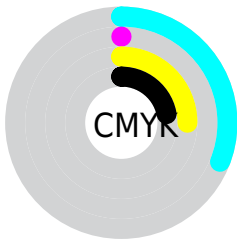
Distribution



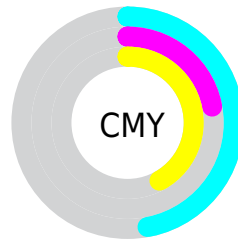
- Red (53%)
- Green (78%)
- Blue (58%)



- Red (53%)
- Yellow (74%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6927, 47.7605, 35.3545 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 35.6927, 47.7605, 35.3545 by changing the saturation by 10% instead.

■ 35.6927, 47.7605,
35.3545

■ 35.6927, 47.7605,
35.3545

319.0701,
377.8420, 341.0820

■ 24.3660, 33.6373,
23.6503

■ 67.8845, 86.8477,
69.1924

■ 15.7315, 22.6151,
14.8647

■ 89.4802, 112.5805,
92.1632

■ 9.4240, 14.3095,
8.5789

■ 115.2297,
142.9518, 119.7266

■ 5.0781, 8.3363,
4.3745

145.4982,
178.3463, 152.3012

■ 2.3284, 4.3109,
1.8330

180.6512,
219.1481, 190.3055

■ 0.8091, 1.8489,
0.4496

221.0539,

■ 0.0000, 0.5174,

265.7417, 234.1580

0.0000

267.0718,
318.5116, 284.2773

■ 0.0000, 0.0000,
0.0000

■ 35.6927, 47.7605,
35.3545

■ 35.6927, 47.7605,
35.3545

■ 31.5913, 45.7836,
29.0140

■ 40.5650, 50.1174,
42.6433

■ 28.2173, 44.1610,
23.5798

■ 46.2415, 52.8665,
50.9139

■ 25.5284, 42.8732,
19.0113

■ 52.7579, 56.0270,
60.2020

■ 23.4763, 41.8961,
15.2636

■ 60.1466, 59.6149,
70.5407

■ 22.0062, 41.2026,
12.2878

■ 68.4386, 63.6453,
81.9614

■ 21.0539, 40.7607,
10.0297

■ 77.6630, 68.1328,
94.4943

■ 20.5501, 40.5320,
8.6016

■ 79.4850, 68.8700,
103.7117

Harmonies

Analogous

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



39.8415, 47.7605, 26.5452



35.6927, 47.7605, 35.3545



34.1133, 47.7605, 50.7270

Triad

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



35.6927, 47.7605, 35.3545



44.9471, 47.7605, 96.0900



57.2357, 47.7605, 37.1057

Complementary

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



35.6927, 47.7605, 35.3545



40.9573, 33.1602, 50.6981

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.



58.9243, 47.7605, 53.3004



35.6927, 47.7605, 35.3545



51.4418, 47.7605, 90.0424

Square

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



35.6927, 47.7605, 35.3545



39.1324, 47.7605, 88.1999



56.7130, 47.7605, 73.1970



52.2923, 47.7605, 27.3755

Rectangle

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



35.6927, 47.7605, 35.3545



34.6053, 47.7605, 63.6927



56.7130, 47.7605, 73.1970



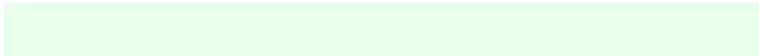
58.2222, 47.7605, 41.8390

Sweetspot

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



35.6940, 47.7625, 35.3556



84.2669, 94.7689, 93.5831



45.0438, 52.6866, 31.0884



17.6889, 20.1159, 19.5313



0.0000, 0.0000, 0.0000



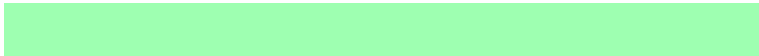
20.3446, 21.4041, 23.3091

Same Dimension

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



35.6940, 47.7625, 35.3556



57.8016, 81.9678, 54.2942



38.4216, 48.8536, 49.7190



10.5800, 11.9209, 11.7384



13.3879, 26.3675, 5.7211



0.6597, 1.2588, 0.4066

Inverse Universe

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



40.9573, 33.1602, 50.6981



68.6599, 51.8182, 85.9267



38.0640, 32.0029, 35.4618



10.9917, 10.7801, 12.9395



19.2836, 9.4630, 22.5012



0.9363, 0.4574, 1.1878

Previews

White Background



This preview shows how the XYZ color 35.6927, 47.7605, 35.3545 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 35.6927, 47.7605, 35.3545 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

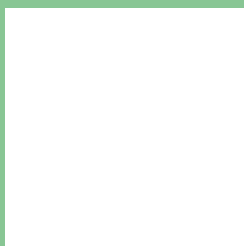
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6927, 47.7605, 35.3545

Background



This preview shows how black text looks on a background with the XYZ color 35.6927, 47.7605, 35.3545.



This preview shows how white text looks on a background with the XYZ color 35.6927, 47.7605,

35.3545.

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

35.6927, 47.7605, 35.3545

Protanopia

44.2469, 47.3922, 32.0148

Deuteranopia

48.1391, 47.1995, 36.7102



Tritanopia

41.5867, 47.4862, 65.3664

Trichromacy



Original Color

35.6927, 47.7605, 35.3545

Protanomaly

40.4728, 46.9787, 33.3202

Deuteranomaly

42.4936, 46.7057, 36.0536

Tritanomaly

39.1546, 47.4824, 53.0003

Monochromacy



Original Color

35.6927, 47.7605, 35.3545

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.2222, 44.0572, 42.0867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6927, 47.7605, 35.3545 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(136, 198, 148)` looks like.

```
.text, #text, p{  
    color:rgb(136, 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(136, 198, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 198, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.6927, 47.7605, 35.3545 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(136, 198, 148) }
```


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

```
.border{ border-color:rgb(136, 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(136, 198, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 198, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 198, 148); box-shadow:4px 4px 4px 4px rgb(136, 198, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6927, 47.7605, 35.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 198, 148) }
```

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

```
.background{ background-color: rgb(136,  
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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