

Converting Colors

XYZ(35.5424, 47.8283, 31.1309)

Have a look what the booklet for
XYZ(35.5424, 47.8283, 31.1309)
contains.

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Color

**XYZ(35.5247, 47.7698,
31.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC689
RGB	140, 198, 137
RGB Percent	55%, 78%, 54%
CMY	0.4510, 0.2235, 0.4627
CMYK	0.29, 0.00, 0.31, 0.22
HSL	117°, 35%, 66%
HSV	117°, 31%, 78%
XYZ	35.5247, 47.7698, 31.0150
YIQ	173.7040, -14.9870, -31.2670

Conversions

Conversions Part 2

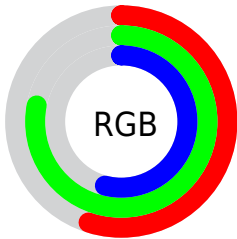
Format	Color
RYB	137, 198, 195
Decimal	9225865
CIELab	74.68, -30.70, 24.75
CIELCh	75, 39.431, 141.120
Yxy	47.7698, 0.3108, 0.4179
Android (android.graphics.Color)	4287415945 (0xFF8CC689)
YUV	173.7040, -18.0951, -29.5584
Hunter-Lab	69.1157, -29.2055, 21.7752

Details

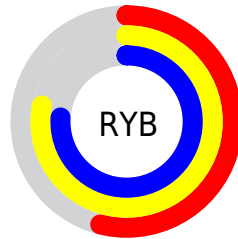
The XYZ color **35.5247, 47.7698, 31.0150** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.6464, 33.5720, 57.7137**, and the grayscale version is **40.1767, 42.2690, 46.0309**.

A 20% lighter version of the original color is **67.6696, 86.8837, 62.4939**, and **15.7181, 22.7093, 12.5717** is the 20% darker color. If you saturate the color by 10%, you get **31.3274, 45.7567, 24.0726**, and if you desaturate by 10%, it is **40.5280, 50.1710, 39.3577**.

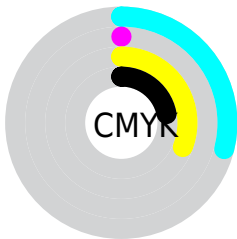
Distribution



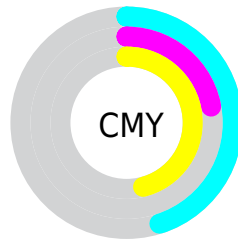
- Red (55%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5247, 47.7698, 31.0150 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 35.5247, 47.7698, 31.0150 by changing the saturation by 10% instead.


 35.5247, 47.7698,
31.0150


 35.5247, 47.7698,
31.0150


318.3459,
377.8789, 320.9608


 24.2357, 33.6446,
20.3517


 67.6265, 86.8616,
62.3435

 15.6343, 22.6207,
12.4644

 89.1701, 112.5969,
83.8459

 9.3549, 14.3137,
6.9344


 114.8625,
142.9712, 109.7983

 5.0324, 8.3392,
3.3433

145.0692,
178.3686, 140.6194

 2.3012, 4.3127,
1.2725

180.1556,
219.1738, 176.7276

 0.7953, 1.8500,
0.0391

220.4869,

 0.0000, 0.5180,

265.7709, 218.5415

0.0000

266.4286,
318.5445, 266.4798

■ 0.0000, 0.0000,
0.0000

■ 35.5247, 47.7698,
31.0150

■ 35.5247, 47.7698,
31.0150

■ 31.3274, 45.7567,
24.0726

■ 40.5280, 50.1710,
39.3577

■ 27.8904, 44.1058,
18.4508

■ 46.3723, 52.9728,
49.1683

■ 25.1693, 42.7972,
14.0670

■ 53.0953, 56.1945,
60.5136

■ 23.1134, 41.8069,
10.8277

■ 60.7311, 59.8523,
73.4555

■ 21.6656, 41.1078,
8.6264

■ 69.3121, 63.9618,
88.0526

■ 20.7589, 40.6680,
7.3364

■ 78.7394, 68.4857,
103.6768

■ 20.3169, 40.4529,
6.7374

■ 79.4850, 68.8701,
103.7117

Harmonies

Analogous

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



40.6302, 47.7698, 23.2618



35.5247, 47.7698, 31.0150



33.1353, 47.7698, 46.1716

Triad

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



35.5247, 47.7698, 31.0150



43.3154, 47.7698, 101.3896



59.4663, 47.7698, 39.0826

Complementary

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



35.5247, 47.7698, 31.0150



41.6464, 33.5720, 57.7137

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.



60.3787, 47.7698, 58.3278



35.5247, 47.7698, 31.0150



50.5372, 47.7698, 98.0382

Square

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



35.5247, 47.7698, 31.0150



37.3130, 47.7698, 89.0575



56.9630, 47.7698, 80.8326



54.5869, 47.7698, 26.9986

Rectangle

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



35.5247, 47.7698, 31.0150



33.2110, 47.7698, 59.9784



56.9630, 47.7698, 80.8326



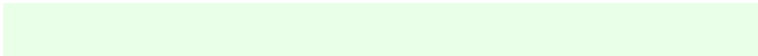
60.2659, 47.7698, 44.7864

Sweetspot

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



35.5259, 47.7718, 31.0161



83.9951, 94.7027, 90.2336



47.3101, 52.8222, 31.3698



17.6224, 20.0997, 18.7142



0.0000, 0.0000, 0.0000



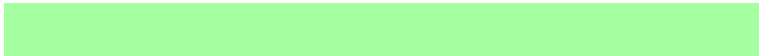
20.3446, 21.4041, 23.3091

Same Dimension

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



35.5259, 47.7718, 31.0161



57.7394, 82.1112, 46.3625



37.2537, 48.4053, 42.7165



10.5449, 11.9123, 11.3063



13.2332, 26.3172, 4.3823



0.6438, 1.2550, 0.2083

Inverse Universe

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



41.6464, 33.5720, 57.7137



70.2876, 52.9783, 101.1290



39.5439, 32.8214, 42.5561



11.0296, 10.7890, 13.4187



20.1801, 9.6375, 35.5410



0.9717, 0.4647, 1.6836

Previews

White Background



This preview shows how the XYZ color 35.5247, 47.7698, 31.0150 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 35.5247, 47.7698, 31.0150 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 35.5247, 47.7698, 31.0150

Background



This preview shows how black text looks on a background with the XYZ color 35.5247, 47.7698, 31.0150.

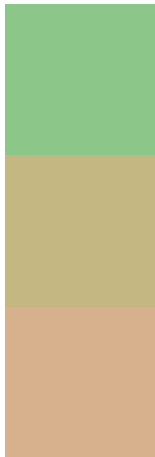


This preview shows how white text looks on a background with the XYZ color 35.5247, 47.7698,

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

35.5247, 47.7698, 31.0150

Protanopia

43.9887, 47.3490, 27.9399

Deuteranopia

48.4322, 47.4507, 32.1974



Tritanopia

42.1659, 47.4784, 64.6995

Trichromacy



Original Color

35.5247, 47.7698, 31.0150

Protanomaly

40.1214, 46.8900, 29.1264

Deuteranomaly

42.6132, 46.8658, 31.6110

Tritanomaly

39.3006, 47.2905, 50.2366

Monochromacy



Original Color

35.5247, 47.7698, 31.0150

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.2668, 44.1216, 40.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5247, 47.7698, 31.0150 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(140, 198, 137)` looks like.

```
.text, #text, p{  
    color:rgb(140, 198, 137)  
}
```

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(140, 198, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 198, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.5247, 47.7698, 31.0150 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(140, 198, 137) }
```


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

```
.border{ border-color:rgb(140, 198, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 198, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 198, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 198, 137);  
box-shadow:4px 4px 4px 4px rgb(140, 198,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5247, 47.7698, 31.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 198, 137) }
```

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

```
.background{ background-color: rgb(140,  
198, 137) }
```

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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