

Converting Colors

XYZ(35.5393, 41.6442, 36.6388)

Have a look what the booklet for
XYZ(35.5393, 41.6442, 36.6388)
contains.

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Color

**XYZ(35.4704, 41.5419,
36.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB39A
RGB	155, 179, 154
RGB Percent	61%, 70%, 60%
CMY	0.3922, 0.2980, 0.3961
CMYK	0.13, 0.00, 0.14, 0.30
HSL	118°, 14%, 65%
HSV	118°, 14%, 70%
XYZ	35.4704, 41.5419, 36.7207
YIQ	168.9740, -6.2790, -12.8630

Conversions

Conversions Part 2

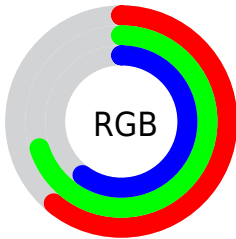
Format	Color
RYB	154, 179, 178
Decimal	10204058
CIELab	70.55, -13.10, 10.02
CIELCh	71, 16.489, 142.587
Yxy	41.5419, 0.3119, 0.3653
Android (android.graphics.Color)	4288394138 (0xFF9BB39A)
YUV	168.9740, -7.3822, -12.2552
Hunter-Lab	64.4530, -14.5589, 11.3379

Details

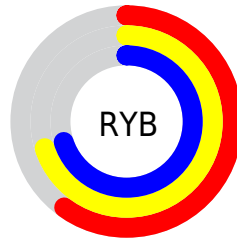
The XYZ color **35.4704, 41.5419, 36.7207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0541, 35.8320, 47.5607**, and the grayscale version is **37.7377, 39.7030, 43.2366**.

A 20% lighter version of the original color is **67.6718, 77.6724, 71.1001**, and **15.6180, 18.8440, 15.6461** is the 20% darker color. If you saturate the color by 10%, you get **31.0229, 39.4099, 29.3020**, and if you desaturate by 10%, it is **40.6119, 44.0084, 45.3343**.

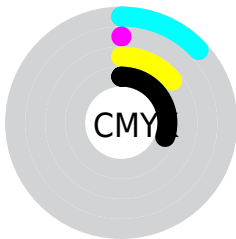
Distribution



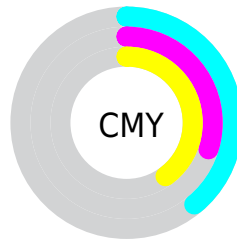
- Red (61%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (70%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4704, 41.5419, 36.7207 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 35.4704, 41.5419, 36.7207 by changing the saturation by 10% instead.

■ 35.4704, 41.5419,
36.7207

■ 35.4704, 41.5419,
36.7207

318.1116,
352.5804, 347.2319

■ 24.1937, 28.7428,
24.6972

■ 67.5431, 77.5058,
71.3245

■ 15.6029, 18.8863,
15.6347

■ 89.0697, 101.4394,
94.7420

■ 9.3326, 11.5882,
9.1145

114.7438,
129.8533, 122.7945

■ 5.0176, 6.4639,
4.7181

144.9305,
163.1318, 155.9006

■ 2.2925, 3.1292,
2.0270

179.9953,
201.6594, 194.4788

■ 0.7908, 1.1995,
0.5718

220.3035,

■ 0.0000, 0.0613,

245.8204, 238.9478

0.0000

266.2205,
295.9993, 289.7260

■ 0.0000, 0.0000,
0.0000

■ 35.4704, 41.5419,
36.7207

■ 35.4704, 41.5419,
36.7207

■ 31.0229, 39.4099,
29.3020

■ 40.6119, 44.0084,
45.3343

■ 27.2365, 37.5930,
23.0227

■ 46.4719, 46.8172,
55.1892

■ 24.0806, 36.0778,
17.8274

■ 53.0776, 49.9828,
66.3330

■ 21.5211, 34.8481,
13.6547

■ 60.4539, 53.5169,
78.8097

■ 19.5203, 33.8858,
10.4371

■ 68.6247, 57.4310,
92.6615

■ 18.0366, 33.1711,
8.0991

■ 75.4109, 60.7219,
102.3536

■ 17.0222, 32.6813,
6.5539

■ 16.4208, 32.3896,
5.6969

■ 16.2105, 32.2881,
5.3778

Harmonies

Analogous

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



37.5075, 41.5419, 32.7531



35.4704, 41.5419, 36.7207



34.5171, 41.5419, 43.3251

Triad

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



35.4704, 41.5419, 36.7207



38.8127, 41.5419, 61.7885



44.5179, 41.5419, 39.7143

Complementary

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



35.4704, 41.5419, 36.7207



38.0541, 35.8320, 47.5607

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.



44.9066, 41.5419, 47.1942



35.4704, 41.5419, 36.7207



41.5294, 41.5419, 60.5355

Square

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



35.4704, 41.5419, 36.7207



36.3883, 41.5419, 58.2165



43.7902, 41.5419, 54.9664



42.7512, 41.5419, 34.3379

Rectangle

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



35.4704, 41.5419, 36.7207



34.5922, 41.5419, 48.5787



43.7902, 41.5419, 54.9664



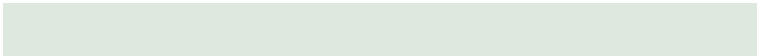
44.8172, 41.5419, 42.0427

Sweetspot

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



35.4715, 41.5437, 36.7216



72.6330, 78.7667, 81.0235



40.2957, 43.6603, 36.8759



15.9297, 17.3730, 17.6786



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.



35.4715, 41.5437, 36.7216



60.7459, 73.0669, 61.1210



36.2622, 41.8379, 41.8823



8.4194, 9.5057, 9.0436



11.4678, 22.8219, 3.8007



0.3712, 0.7234, 0.1201

Inverse Universe

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



38.0541, 35.8320, 47.5607



66.3397, 60.6944, 84.5999



37.1921, 35.5138, 41.8198



8.8158, 8.6291, 10.7073



17.7615, 8.4922, 30.8400



0.5691, 0.2725, 0.9708

Previews

White Background



This preview shows how the XYZ color 35.4704, 41.5419, 36.7207 looks on a white background.

Color Contrast Check

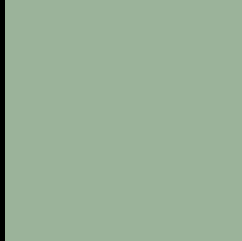
Large Text (above 18pt) WCAG AA × Fail

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 35.4704, 41.5419, 36.7207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

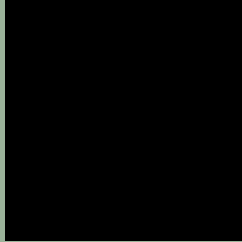
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4704, 41.5419, 36.7207

Background



This preview shows how black text looks on a background with the XYZ color 35.4704, 41.5419, 36.7207.



This preview shows how white text looks on a background with the XYZ color 35.4704, 41.5419,

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

35.4704, 41.5419, 36.7207

Protanopia

39.0799, 41.4104, 34.7874

Deuteranopia

42.2277, 41.3089, 37.6461



Tritanopia

38.9111, 41.4800, 53.5326

Trichromacy



Original Color

35.4704, 41.5419, 36.7207

Protanomaly

37.7105, 41.5522, 35.3110

Deuteranomaly

39.3861, 41.2294, 37.3347

Tritanomaly

37.6599, 41.5562, 47.1106

Monochromacy



Original Color

35.4704, 41.5419, 36.7207

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.9543, 40.4600, 40.9838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4704, 41.5419, 36.7207 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(155, 179, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 179, 154)  
}
```

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(155, 179, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 179, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.4704, 41.5419, 36.7207 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(155, 179, 154) }
```


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

```
.border{ border-color:rgb(155, 179, 154) }
```

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

Here you see how a box with a 4 pixel rgb(155, 179, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 179, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 179, 154);  
box-shadow:4px 4px 4px 4px rgb(155, 179,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4704, 41.5419, 36.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 179, 154) }
```

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

```
.background{ background-color: rgb(155,  
179, 154) }
```

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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