

Converting Colors

XYZ(35.7707, 41.4098, 36.2446)

Have a look what the booklet for
XYZ(35.7707, 41.4098, 36.2446)
contains.

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Color

**XYZ(35.7707, 41.4098,
36.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB299
RGB	158, 178, 153
RGB Percent	62%, 70%, 60%
CMY	0.3804, 0.3019, 0.4000
CMYK	0.11, 0.00, 0.14, 0.30
HSL	108°, 14%, 65%
HSV	108°, 14%, 70%
XYZ	35.7707, 41.4098, 36.2446
YIQ	169.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

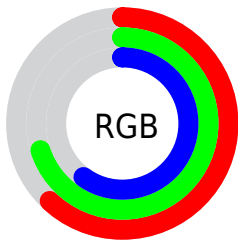
Format	Color
RYB	153, 178, 173
Decimal	10400409
CIELab	70.46, -11.69, 10.46
CIElCh	70, 15.687, 138.163
Yxy	41.4098, 0.3154, 0.3651
Android (android.graphics.Color)	4288590489 (0xFF9EB299)
YUV	169.1700, -7.9718, -9.7961
Hunter-Lab	64.3504, -13.3899, 11.6509

Details

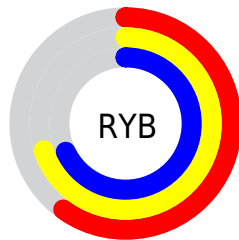
The XYZ color **35.7707, 41.4098, 36.2446** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6624, 34.8823, 46.9223**, and the grayscale version is **37.8367, 39.8072, 43.3500**.

A 20% lighter version of the original color is **68.1259, 77.4968, 70.3992**, and **15.6757, 18.6907, 15.3518** is the 20% darker color. If you saturate the color by 10%, you get **31.7682, 39.5050, 28.9468**, and if you desaturate by 10%, it is **40.3195, 43.5732, 44.7146**.

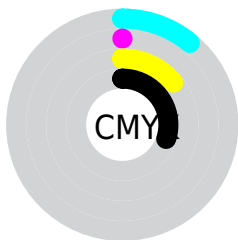
Distribution



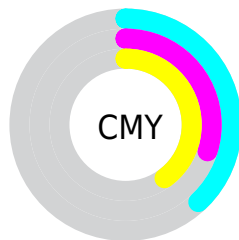
- Red (62%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (70%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)




- Cyan (38%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7707, 41.4098, 36.2446 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 35.7707, 41.4098, 36.2446 by changing the saturation by 10% instead.

 35.7707, 41.4098,
36.2446


 35.7707, 41.4098,
36.2446


319.4060,
352.0305, 345.0981

 24.4264, 28.6394,
24.3320


 68.0042, 77.3056,
70.5827

 15.7767, 18.8082,
15.3656


 89.6241, 101.1998,
93.8453

 9.4561, 11.5318,
8.9269


115.4000,
129.5708, 121.7283

 5.0994, 6.4257,
4.5974

145.6972,
162.8029, 154.6502

 2.3410, 3.1056,
1.9585

180.8810,
201.2805, 193.0296

 0.8155, 1.1871,
0.5296

221.3168,

 0.0000, 0.0512,

245.3880, 237.2850

0.0000

267.3700,
295.5099, 287.8350

■ 0.0000, 0.0000,
0.0000

■ 35.7707, 41.4098,
36.2446

■ 35.7707, 41.4098,
36.2446

■ 31.7682, 39.5050,
28.9468

■ 40.3195, 43.5732,
44.7146

■ 28.2879, 37.8441,
22.7671

■ 45.4307, 45.9990,
54.4024

■ 25.3089, 36.4185,
17.6510

■ 51.1242, 48.6976,
65.3544

■ 22.8075, 35.2174,
13.5383

■ 57.4176, 51.6772,
77.6140

■ 20.7580, 34.2290,
10.3632

■ 64.3279, 54.9455,
91.2223

■ 19.1322, 33.4404,
8.0516

■ 71.0882, 58.1969,
102.0941

■ 17.8988, 32.8371,
6.5186

■ 75.2112, 60.3224,
102.2871

■ 17.0211, 32.4027,
5.6618

■ 16.6346, 32.2102,
5.3405

Harmonies

Analogous

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



37.8297, 41.4098, 32.8705



35.7707, 41.4098, 36.2446



34.6919, 41.4098, 42.2309

Triad

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



35.7707, 41.4098, 36.2446



38.3480, 41.4098, 60.5039



44.2727, 41.4098, 40.7952

Complementary

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



35.7707, 41.4098, 36.2446



36.6624, 34.8823, 46.9223

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.



44.4264, 41.4098, 48.0716



35.7707, 41.4098, 36.2446



40.9285, 41.4098, 60.0107

Square

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



35.7707, 41.4098, 36.2446



36.1358, 41.4098, 56.5465



43.1791, 41.4098, 55.2647



42.7679, 41.4098, 35.2929

Rectangle

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



35.7707, 41.4098, 36.2446



34.6411, 41.4098, 47.1396



43.1791, 41.4098, 55.2647



44.4864, 41.4098, 43.0972

Sweetspot

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



35.7718, 41.4116, 36.2455



73.0929, 79.0038, 81.0450



39.0552, 41.6540, 36.1192



16.0492, 17.4347, 17.6842



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.



35.7718, 41.4116, 36.2455



62.4022, 73.9207, 61.1985



35.4476, 41.1706, 39.5670



8.5424, 9.5692, 9.0493



11.9441, 23.0675, 3.8230



0.4222, 0.7497, 0.1225

Inverse Universe

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



36.6624, 34.8823, 46.9223



64.3454, 59.6662, 84.5065



37.0559, 35.1698, 43.1157



8.6803, 8.5592, 10.7009



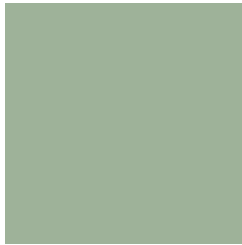
13.8336, 6.4673, 30.6562



0.4776, 0.2253, 0.9666

Previews

White Background



This preview shows how the XYZ color 35.7707, 41.4098, 36.2446 looks on a white background.

Color Contrast Check

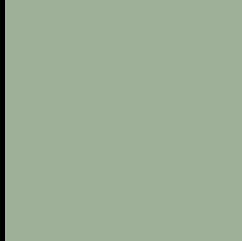
Large Text (above 18pt) WCAG AA × Fail

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 35.7707, 41.4098, 36.2446 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 35.7707, 41.4098, 36.2446

Background



This preview shows how black text looks on a background with the XYZ color 35.7707, 41.4098, 36.2446.



This preview shows how white text looks on a background with the XYZ color 35.7707, 41.4098,

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

35.7707, 41.4098, 36.2446

Protanopia

39.0799, 41.4104, 34.7874

Deuteranopia

42.0583, 41.2411, 36.7540



Tritanopia

39.0175, 41.2615, 52.9215

Trichromacy



Original Color

35.7707, 41.4098, 36.2446

Protanomaly

37.7352, 41.2771, 35.2566

Deuteranomaly

39.4989, 41.0276, 36.4092

Tritanomaly

37.7658, 41.3322, 46.5449

Monochromacy



Original Color

35.7707, 41.4098, 36.2446

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.8804, 40.1487, 40.4560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7707, 41.4098, 36.2446 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(158, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(158, 178, 153)  
}
```

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(158, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 178, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.7707, 41.4098, 36.2446 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(158, 178, 153) }
```


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

```
.border{ border-color:rgb(158, 178, 153) }
```

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

Here you see how a box with a 4 pixel rgb(158, 178, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 178,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7707, 41.4098, 36.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 178, 153) }
```

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

```
.background{ background-color: rgb(158,  
178, 153) }
```

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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