

Converting Colors

XYZ(40.3834, 54.9705, 35.7461)

Have a look what the booklet for
XYZ(40.3834, 54.9705, 35.7461)
contains.

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Color

**XYZ(40.3366, 54.7748,
35.6408)**

Conversions

Conversions Part 1

Format	Color
Hex	92D392
RGB	146, 211, 146
RGB Percent	57%, 83%, 57%
CMY	0.4274, 0.1725, 0.4274
CMYK	0.31, 0.00, 0.31, 0.17
HSL	120°, 42%, 70%
HSV	120°, 31%, 83%
XYZ	40.3366, 54.7748, 35.6408
YIQ	184.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

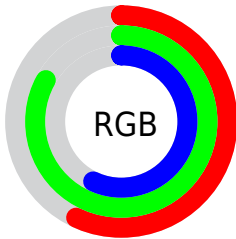
Format	Color
RYB	146, 211, 211
Decimal	9622418
CIELab	78.91, -33.36, 25.81
CIElCh	79, 42.175, 142.275
Yxy	54.7748, 0.3085, 0.4189
Android (android.graphics.Color)	4287812498 (0xFF92D392)
YUV	184.1550, -18.8104, -33.4619
Hunter-Lab	74.0100, -32.2322, 23.2549

Details

The XYZ color **40.3366, 54.7748, 35.6408** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.9025, 39.1109, 66.6017**, and the grayscale version is **45.7546, 48.1374, 52.4216**.

A 20% lighter version of the original color is **70.5424, 88.2467, 67.9589**, and **18.4682, 26.9303, 15.0512** is the 20% darker color. If you saturate the color by 10%, you get **35.4337, 52.4213, 27.6201**, and if you desaturate by 10%, it is **46.2376, 57.6110, 45.2918**.

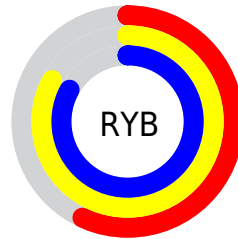
Distribution



Red (57%)

Green (83%)

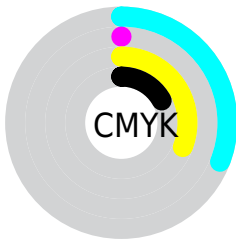
Blue (57%)



Red (57%)

Yellow (83%)

Blue (83%)

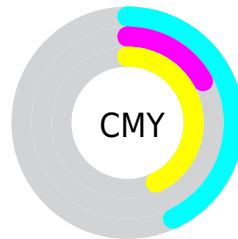


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (17%)



Cyan (43%)

Magenta (17%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3366, 54.7748, 35.6408 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 40.3366, 54.7748, 35.6408 by changing the saturation by 10% instead.

■ 40.3366, 54.7748,
35.6408

■ 40.3366, 54.7748,
35.6408

338.6504,
405.0577, 342.3776

■ 27.9865, 39.2214,
23.8694

■ 74.9569, 97.2109,
69.6401

■ 18.4559, 26.9320,
15.0255

■ 97.9578, 124.8625,
92.7051

■ 11.3794, 17.5222,
8.6904

125.2396,
157.3156, 120.3716

■ 6.3918, 10.6075,
4.4458

157.1677,
194.9546, 153.0584

■ 3.1277, 5.8036,
1.8729

194.1075,
238.1639, 191.1838

■ 1.2216, 2.7260,
0.4754

236.4243,

■ 0.1233, 0.9904,

287.3279, 235.1665

0.0000

284.4835,
342.8311, 285.4249

■ 0.0000, 0.0000,
0.0000

■ 40.3366, 54.7748,
35.6408

■ 40.3366, 54.7748,
35.6408

■ 35.4337, 52.4213,
27.6201

■ 46.2376, 57.6110,
45.2918

■ 31.4697, 50.5172,
21.1362

■ 53.1830, 60.9472,
56.6523

■ 28.3860, 49.0360,
16.0922

■ 61.2215, 64.8085,
69.8005

■ 26.1155, 47.9453,
12.3783

■ 70.3973, 69.2161,
84.8091

■ 24.5815, 47.2085,
9.8691

■ 80.7523, 74.1902,
101.7464

■ 23.6927, 46.7815,
8.4153

■ 82.5853, 75.0707,
104.7451

■ 23.2953, 46.5907,
7.7652

Harmonies

Analogous

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



46.1939, 54.7748, 26.3366



40.3366, 54.7748, 35.6408



37.6810, 54.7748, 53.6543

Triad

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



40.3366, 54.7748, 35.6408



49.9274, 54.7748, 117.9981



68.4281, 54.7748, 43.8132

Complementary

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



40.3366, 54.7748, 35.6408



48.9025, 39.1109, 66.6017

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.



69.7024, 54.7748, 66.0561



40.3366, 54.7748, 35.6408



58.4067, 54.7748, 113.2982

Square

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



40.3366, 54.7748, 35.6408



42.8183, 54.7748, 104.0541



65.8639, 54.7748, 92.5389



62.5482, 54.7748, 30.0970

Rectangle

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



40.3366, 54.7748, 35.6408



37.8603, 54.7748, 69.9913



65.8639, 54.7748, 92.5389



69.4331, 54.7748, 50.3640

Sweetspot

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



40.3380, 54.7771, 35.6420



83.6276, 94.5132, 90.2167



55.3489, 62.5155, 36.3440



17.5329, 20.0535, 18.7101



0.0000, 0.0000, 0.0000



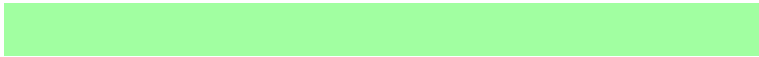
20.3446, 21.4041, 23.3091

Same Dimension

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



40.3380, 54.7771, 35.6420



56.7899, 81.6217, 46.3189



43.2360, 55.9363, 50.9025



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



48.9025, 39.1109, 66.6017



71.9735, 53.8475, 101.2063



45.2307, 37.6421, 47.2663



12.3109, 12.0091, 14.9127



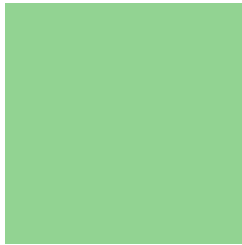
23.3080, 11.1960, 38.1234



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 40.3366, 54.7748, 35.6408 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 40.3366, 54.7748, 35.6408 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 40.3366, 54.7748, 35.6408

Background



This preview shows how black text looks on a background with the XYZ color 40.3366, 54.7748, 35.6408.



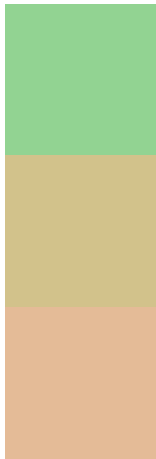
This preview shows how white text looks on a background with the XYZ color 40.3366, 54.7748,

35.6408.

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

40.3366, 54.7748, 35.6408

Protanopia

50.5303, 54.1493, 32.2147

Deuteranopia

55.3511, 54.2690, 36.8358



Tritanopia

48.0735, 54.6739, 74.3491

Trichromacy



Original Color

40.3366, 54.7748, 35.6408

Protanomaly

46.0303, 53.8263, 33.5547

Deuteranomaly

48.4534, 53.6555, 36.2366

Tritanomaly

44.6722, 54.3384, 58.0031

Monochromacy



Original Color

40.3366, 54.7748, 35.6408

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.1250, 50.0319, 45.4144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3366, 54.7748, 35.6408 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(146, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 146)  
}
```

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(146, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 146) }
```

Border

The CSS property to change the border of an element to XYZ 40.3366, 54.7748, 35.6408 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(146, 211, 146) }
```


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

```
.border{ border-color:rgb(146, 211, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3366, 54.7748, 35.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 211, 146) }
```

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

```
.background{ background-color: rgb(146,  
211, 146) }
```

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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