

Converting Colors

XYZ(35.6859, 42.1661, 34.4692)

Have a look what the booklet for
XYZ(35.6859, 42.1661, 34.4692)
contains.

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Color

**XYZ(35.7738, 42.3540,
34.3066)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB594
RGB	157, 181, 148
RGB Percent	62%, 71%, 58%
CMY	0.3843, 0.2902, 0.4196
CMYK	0.13, 0.00, 0.18, 0.29
HSL	104°, 18%, 65%
HSV	104°, 18%, 71%
XYZ	35.7738, 42.3540, 34.3066
YIQ	170.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

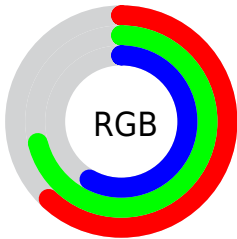
Format	Color
RYB	148, 181, 172
Decimal	10335636
CIELab	71.11, -14.49, 14.10
CIELCh	71, 20.220, 135.770
Yxy	42.3540, 0.3182, 0.3767
Android (android.graphics.Color)	4288525716 (0xFF9DB594)
YUV	170.0620, -10.8766, -11.4554
Hunter-Lab	65.0800, -15.7702, 14.3015

Details

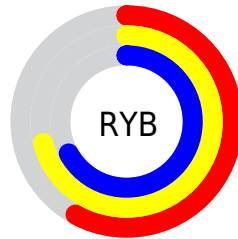
The XYZ color **35.7738, 42.3540, 34.3066** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9454, 33.2878, 48.2490**, and the grayscale version is **38.2942, 40.2885, 43.8742**.

A 20% lighter version of the original color is **68.0962, 78.8297, 67.5037**, and **15.7025, 19.3047, 14.2078** is the 20% darker color. If you saturate the color by 10%, you get **32.0203, 40.5731, 27.2280**, and if you desaturate by 10%, it is **40.0304, 44.3709, 42.5800**.

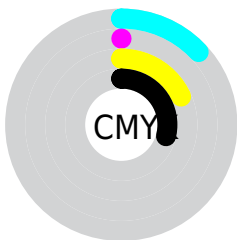
Distribution



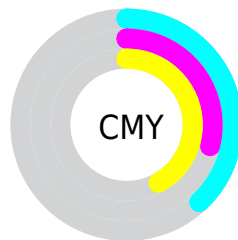
- Red (62%)
- Green (71%)
- Blue (58%)



- Red (58%)
- Yellow (71%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7738, 42.3540, 34.3066 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 35.7738, 42.3540, 34.3066 by changing the saturation by 10% instead.

■ 35.7738, 42.3540,
34.3066

■ 35.7738, 42.3540,
34.3066

319.4193,
355.9483, 336.3078

■ 24.4288, 29.3786,
22.8500

■ 68.0089, 78.7351,
67.5495

■ 15.7785, 19.3674,
14.2785

■ 89.6298, 102.9096,
90.1729

■ 9.4574, 11.9361,
8.1737

115.4068,
131.5859, 117.3556

■ 5.1002, 6.7001,
4.1169

145.7051,
165.1484, 149.5161

■ 2.3415, 3.2753,
1.6897

180.8901,
203.9815, 187.0731

■ 0.8158, 1.2771,
0.3537

221.3273,

■ 0.0000, 0.1234,

248.4696, 230.4450

0.0000

267.3819,
298.9970, 280.0504

■ 0.0000, 0.0000,
0.0000

■ 35.7738, 42.3540,
34.3066

■ 35.7738, 42.3540,
34.3066

■ 32.0203, 40.5731,
27.2280

■ 40.0304, 44.3709,
42.5800

■ 28.7475, 39.0140,
21.2864

■ 44.8048, 46.6265,
52.0970

■ 25.9361, 37.6694,
16.4232

■ 50.1152, 49.1304,
62.9070

■ 23.5641, 36.5293,
12.5736

■ 55.9780, 51.8899,
75.0558

■ 21.6077, 35.5831,
9.6659

■ 62.4088, 54.9123,
88.5872

■ 20.0405, 34.8188,
7.6188

■ 69.1632, 58.1005,
102.1770

■ 18.8328, 34.2234,
6.3372

■ 73.6965, 60.4375,
102.3891

■ 17.9422, 33.7782,
5.6660

■ 75.8147, 61.5295,
102.4882

■ 17.8087, 33.7114,
5.5683

Harmonies

Analogous

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



38.5145, 42.3540, 30.4144



35.7738, 42.3540, 34.3066



34.2758, 42.3540, 41.6880

Triad

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



35.7738, 42.3540, 34.3066



38.6787, 42.3540, 66.6279



46.8446, 42.3540, 41.2374

Complementary

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



35.7738, 42.3540, 34.3066



35.9454, 33.2878, 48.2490

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.



46.8947, 42.3540, 50.8476



35.7738, 42.3540, 34.3066



42.0497, 42.3540, 66.4624

Square

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



35.7738, 42.3540, 34.3066



35.8882, 42.3540, 60.7907



45.0982, 42.3540, 60.3659



44.9650, 42.3540, 34.0167

Rectangle

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



35.7738, 42.3540, 34.3066



34.1264, 42.3540, 48.0143



45.0982, 42.3540, 60.3659



47.0793, 42.3540, 44.2690

Sweetspot

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



35.7749, 42.3558, 34.3075



74.2812, 80.6884, 81.3796



39.0891, 41.3357, 33.9360



15.9302, 17.3807, 17.3420



86.6293, 91.1408, 99.2523



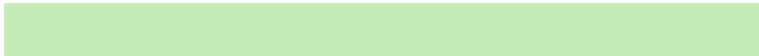
17.0014, 17.8868, 19.4787

Same Dimension

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



35.7749, 42.3558, 34.3075



61.1821, 74.4849, 55.9456



34.6669, 41.7172, 37.3024



8.5993, 9.5985, 9.0520



12.3347, 23.2688, 3.8412



0.4455, 0.7617, 0.1235

Inverse Universe

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



35.9454, 33.2878, 48.2490



61.5434, 55.1350, 85.6930



37.2729, 34.0548, 44.5784



8.6196, 8.5279, 10.6981



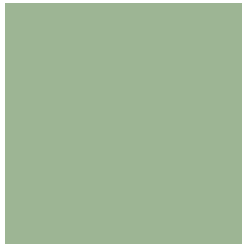
12.3405, 5.6976, 30.5863



0.4407, 0.2063, 0.9648

Previews

White Background



This preview shows how the XYZ color 35.7738, 42.3540, 34.3066 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 35.7738, 42.3540, 34.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

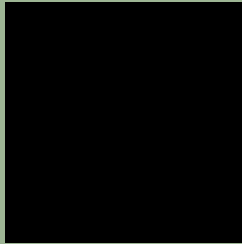
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7738, 42.3540, 34.3066

Background



This preview shows how black text looks on a background with the XYZ color 35.7738, 42.3540, 34.3066.



This preview shows how white text looks on a background with the XYZ color 35.7738, 42.3540,

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

35.7738, 42.3540, 34.3066

Protanopia

39.7448, 42.0911, 32.4152

Deuteranopia

42.9578, 42.0139, 35.1235



Tritanopia

39.8251, 42.2266, 54.1956

Trichromacy



Original Color

35.7738, 42.3540, 34.3066

Protanomaly

38.0917, 42.0937, 32.9053

Deuteranomaly

40.0247, 41.8974, 34.8316

Tritanomaly

38.0601, 42.0773, 46.1602

Monochromacy



Original Color

35.7738, 42.3540, 34.3066

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.1747, 40.8801, 40.1137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7738, 42.3540, 34.3066 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(157, 181, 148)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 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(157, 181, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.7738, 42.3540, 34.3066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

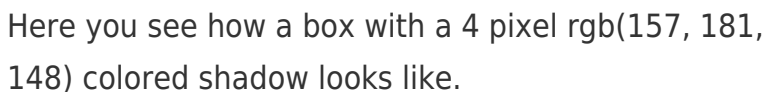
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 181, 148) }
```


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

```
.border{ border-color:rgb(157, 181, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 181, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 181, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 181, 148); box-shadow:4px 4px 4px 4px rgb(157, 181, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7738, 42.3540, 34.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 148) }
```

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

```
.background{ background-color: rgb(157,  
181, 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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