

Converting Colors

XYZ(35.4884, 38.8522, 34.2678)

Have a look what the booklet for
XYZ(35.4884, 38.8522, 34.2678)
contains.

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Color

**XYZ(35.3387, 38.6529,
34.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A995
RGB	166, 169, 149
RGB Percent	65%, 66%, 58%
CMY	0.3490, 0.3372, 0.4157
CMYK	0.02, 0.00, 0.12, 0.34
HSL	69°, 10%, 62%
HSV	69°, 12%, 66%
XYZ	35.3387, 38.6529, 34.0320
YIQ	165.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

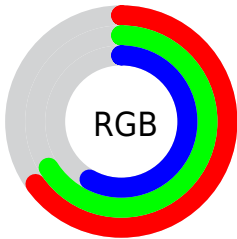
Format	Color
RYB	149, 169, 152
Decimal	10922389
CIELab	68.50, -4.69, 9.96
CIELCh	68, 11.006, 115.196
Yxy	38.6529, 0.3271, 0.3578
Android (android.graphics.Color)	4289112469 (0xFFA6A995)
YUV	165.8230, -8.2937, 0.1552
Hunter-Lab	62.1715, -7.3394, 11.0653

Details

The XYZ color **35.3387, 38.6529, 34.0320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8593, 31.0359, 41.9023**, and the grayscale version is **36.1982, 38.0833, 41.4727**.

A 20% lighter version of the original color is **67.2539, 72.9953, 67.0447**, and **15.5053, 17.1818, 14.0545** is the 20% darker color. If you saturate the color by 10%, you get **33.5598, 37.8818, 27.4092**, and if you desaturate by 10%, it is **37.3260, 39.5112, 41.6883**.

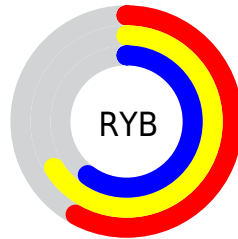
Distribution



Red (65%)

Green (66%)

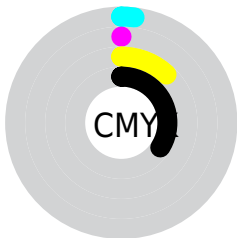
Blue (58%)



Red (58%)

Yellow (66%)

Blue (60%)

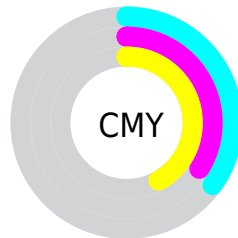


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (35%)

Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3387, 38.6529, 34.0320 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 35.3387, 38.6529, 34.0320 by changing the saturation by 10% instead.

■ 35.3387, 38.6529,
34.0320

■ 35.3387, 38.6529,
34.0320

317.5427,
340.4125, 335.0482

■ 24.0916, 26.4898,
22.6406

■ 67.3407, 73.1078,
67.1179

■ 15.5267, 17.1904,
14.1256

■ 88.8264, 96.1683,
89.6495

■ 9.2786, 10.3704,
8.0683

114.4556,
123.6302, 116.7316

■ 4.9819, 5.6452,
4.0503

144.5937,
155.8777, 148.7827

■ 2.2713, 2.6306,
1.6530

179.6062,
193.2953, 186.2214

■ 0.7799, 0.9421,
0.3282

219.8582,

■ 0.0000, 0.0000,

236.2674, 229.4662

0.0000

265.7153,
285.1783, 278.9356

■ 35.3387, 38.6529,
34.0320

■ 35.3387, 38.6529,
34.0320

■ 33.5598, 37.8818,
27.4092

■ 37.3260, 39.5112,
41.6883

■ 31.9778, 37.1893,
21.7731

■ 39.5266, 40.4547,
50.4172

■ 30.5845, 36.5735,
17.0771

■ 41.9490, 41.4882,
60.2586

■ 29.3703, 36.0306,
13.2700

■ 44.6004, 42.6144,
71.2500

■ 28.3244, 35.5562,
10.2955

■ 47.4875, 43.8363,
83.4269

■ 27.4347, 35.1454,
8.0909

■ 50.6168, 45.1563,
96.8232

■ 26.6878, 34.7929,
6.5847

■ 51.9496, 45.7588,
100.7020

■ 26.0673, 34.4922,
5.6921

■ 52.5620, 46.0745,
100.7307

■ 25.6254, 34.2733,
5.2648

■ 53.1854, 46.3959,
100.7599

Harmonies

Analogous

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



37.0181, 38.6529, 33.2790



35.3387, 38.6529, 34.0320



34.0709, 38.6529, 36.8735

Triad

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



35.3387, 38.6529, 34.0320



34.8700, 38.6529, 50.4145



40.1582, 38.6529, 42.8903

Complementary

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



35.3387, 38.6529, 34.0320



30.8593, 31.0359, 41.9023

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.



39.5416, 38.6529, 47.7689



35.3387, 38.6529, 34.0320



36.4602, 38.6529, 52.3250

Square

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



35.3387, 38.6529, 34.0320



33.8064, 38.6529, 46.2792



38.1746, 38.6529, 51.3209



39.8353, 38.6529, 38.1549

Rectangle

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



35.3387, 38.6529, 34.0320



33.6116, 38.6529, 39.6960



38.1746, 38.6529, 51.3209



40.0534, 38.6529, 44.5710

Sweetspot

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



35.3397, 38.6546, 34.0328



66.0169, 70.4020, 71.4277



33.0166, 33.0625, 33.0759



14.3308, 15.3196, 15.3430



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.3397, 38.6546, 34.0328



62.4849, 68.8766, 57.9168



33.3245, 37.6157, 33.9385



8.0346, 8.7159, 8.0481



19.1331, 25.5607, 3.9253



0.4945, 0.6368, 0.0969

Inverse Universe

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



30.8593, 31.0359, 41.9023



52.9824, 52.7176, 74.6081



32.8105, 32.0418, 41.9936



7.2328, 7.3526, 9.4563



5.6729, 2.3079, 28.1220



0.1682, 0.0717, 0.6856

Previews

White Background



This preview shows how the XYZ color 35.3387, 38.6529, 34.0320 looks on a white background.

Color Contrast Check

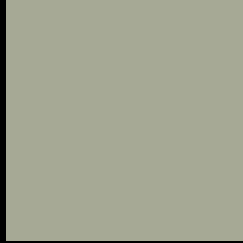
Large Text (above 18pt) WCAG AA × Fail

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 35.3387, 38.6529, 34.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

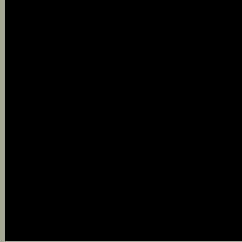
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

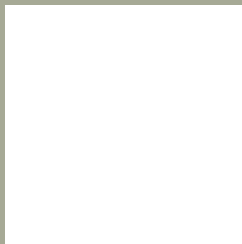
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3387, 38.6529, 34.0320

Background



This preview shows how black text looks on a background with the XYZ color 35.3387, 38.6529, 34.0320.



This preview shows how white text looks on a background with the XYZ color 35.3387, 38.6529,

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

35.3387, 38.6529, 34.0320

Protanopia

36.4371, 38.4092, 33.5103

Deuteranopia

39.3170, 38.5429, 34.6455



Tritanopia

38.0686, 38.6707, 47.5772

Trichromacy



Original Color

35.3387, 38.6529, 34.0320

Protanomaly

35.9586, 38.4335, 33.5402

Deuteranomaly

37.8365, 38.5767, 34.3060

Tritanomaly

36.9735, 38.4975, 42.0413

Monochromacy



Original Color

35.3387, 38.6529, 34.0320

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8898, 38.2825, 38.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3387, 38.6529, 34.0320 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(166, 169, 149) looks like.

```
.text, #text, p{  
    color:rgb(166, 169, 149)  
}
```

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(166, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 169, 149) }
```

Border

The CSS property to change the border of an element to XYZ 35.3387, 38.6529, 34.0320 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(166, 169, 149) }
```


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

```
.border{ border-color:rgb(166, 169, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(166, 169,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3387, 38.6529, 34.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 169, 149) }
```

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

```
.background{ background-color: rgb(166,  
169, 149) }
```

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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