

Converting Colors

XYZ(35.1097, 38.2360, 17.3968)

Have a look what the booklet for
XYZ(35.1097, 38.2360, 17.3968)
contains.

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Color

**XYZ(35.1269, 38.3620,
17.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A763
RGB	181, 167, 99
RGB Percent	71%, 65%, 39%
CMY	0.2902, 0.3451, 0.6118
CMYK	0.00, 0.08, 0.45, 0.29
HSL	50°, 36%, 55%
HSV	50°, 45%, 71%
XYZ	35.1269, 38.3620, 17.3576
YIQ	163.4340, 30.1720, -18.1800

Conversions

Conversions Part 2

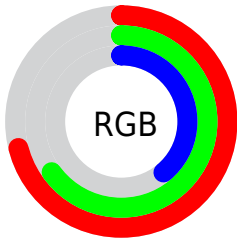
Format	Color
RYB	116, 181, 99
Decimal	11904867
CIELab	68.29, -4.49, 36.88
CIELCh	68, 37.150, 96.941
Yxy	38.3620, 0.3867, 0.4223
Android (android.graphics.Color)	4290094947 (0xFFB5A763)
YUV	163.4340, -31.7660, 15.4054
Hunter-Lab	61.9371, -7.1556, 26.7402

Details

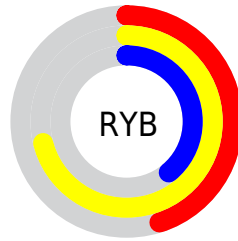
The XYZ color **35.1269, 38.3620, 17.3576** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.3911, 17.7986, 46.1295**, and the grayscale version is **35.1545, 36.9853, 40.2769**.

A 20% lighter version of the original color is **66.9671, 72.6541, 39.7722**, and **15.3106, 16.9274, 5.4780** is the 20% darker color. If you saturate the color by 10%, you get **33.7979, 36.9370, 13.1135**, and if you desaturate by 10%, it is **36.6653, 39.8952, 22.6291**.

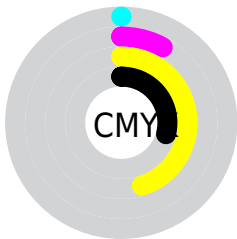
Distribution



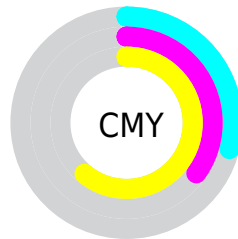
- Red (71%)
- Green (65%)
- Blue (39%)



- Red (45%)
- Yellow (71%)
- Blue (39%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1269, 38.3620, 17.3576 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 35.1269, 38.3620, 17.3576 by changing the saturation by 10% instead.

■ 35.1269, 38.3620,
17.3576

■ 35.1269, 38.3620,
17.3576

316.6263,
339.1703, 249.3381

■ 23.9276, 26.2638,
10.3251

■ 67.0150, 72.6627,
39.7386

■ 15.4044, 17.0211,
5.5066

■ 88.4346, 95.6339,
55.9243

■ 9.1918, 10.2495,
2.4836

■ 113.9916,
122.9982, 75.9981

■ 4.9246, 5.5647,
0.8314

■ 144.0515,
155.1400, 100.3786

■ 2.2374, 2.5823,
0.0000

178.9795,
192.4437, 129.4843

■ 0.7623, 0.9178,
0.0000

219.1411,

■ 0.0000, 0.0000,

235.2938, 163.7337

0.0000

264.9016,
284.0745, 203.5455

■ 35.1269, 38.3620,
17.3576

■ 35.1269, 38.3620,
17.3576

■ 33.7979, 36.9370,
13.1135

■ 36.6653, 39.8952,
22.6291

■ 32.6622, 35.6094,
9.8255

■ 38.4222, 41.5362,
28.9885

■ 31.7060, 34.3749,
7.4166

■ 40.4096, 43.2913,
36.4942

■ 30.9121, 33.2266,
5.7971

■ 42.6378, 45.1648,
45.1997

■ 30.2593, 32.1557,
4.8560

■ 45.1164, 47.1607,
55.1553

■ 29.9795, 31.6707,
4.5330

■ 47.8545, 49.2827,
66.4084

■ 50.8607, 51.5344,
79.0037

■ 54.1431, 53.9193,
92.9842

■ 56.5782, 55.9881,
102.4325

Harmonies

Analogous

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



41.0208, 38.3620, 18.6846



35.1269, 38.3620, 17.3576



30.1444, 38.3620, 21.0415

Triad

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



35.1269, 38.3620, 17.3576



28.2328, 38.3620, 64.1309



47.7521, 38.3620, 55.6150

Complementary

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



35.1269, 38.3620, 17.3576



19.3911, 17.7986, 46.1295

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.



43.6057, 38.3620, 72.9604



35.1269, 38.3620, 17.3576



32.2540, 38.3620, 78.7202

Square

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



35.1269, 38.3620, 17.3576



26.4476, 38.3620, 45.7616



37.8304, 38.3620, 82.3207



48.7304, 38.3620, 38.0170

Rectangle

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



35.1269, 38.3620, 17.3576



27.8679, 38.3620, 26.6187



37.8304, 38.3620, 82.3207



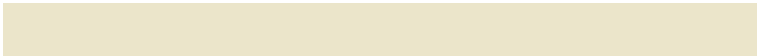
46.6627, 38.3620, 61.7944

Sweetspot

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



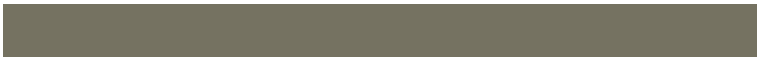
35.1278, 38.3638, 17.3584



72.7785, 77.8823, 66.9227



26.5573, 19.9635, 18.3836



15.5566, 16.6838, 13.7976



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.



35.1278, 38.3638, 17.3584



60.6200, 66.2524, 23.7569



32.3002, 40.9205, 18.0009



9.0712, 9.6549, 9.0380



20.7116, 21.9217, 3.1397



0.6842, 0.7549, 0.1096

Inverse Universe

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



19.3911, 17.7986, 46.1295



29.0331, 25.0006, 81.5900



21.2553, 16.6178, 45.8033



8.1553, 8.4569, 10.7088



6.1217, 3.0437, 30.4018



0.2282, 0.1668, 0.9684

Previews

White Background



This preview shows how the XYZ color 35.1269, 38.3620, 17.3576 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 35.1269, 38.3620, 17.3576 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 35.1269, 38.3620, 17.3576

Background



This preview shows how black text looks on a background with the XYZ color 35.1269, 38.3620, 17.3576.



This preview shows how white text looks on a background with the XYZ color 35.1269, 38.3620,

17.3576.

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

35.1269, 38.3620, 17.3576

Protanopia

35.3623, 38.4834, 17.3686

Deuteranopia

39.1042, 38.2924, 17.6421



Tritanopia

40.3166, 38.0854, 43.7544

Trichromacy



Original Color

35.1269, 38.3620, 17.3576

Protanomaly

35.3623, 38.4834, 17.3686

Deuteranomaly

37.4687, 38.2301, 17.4609

Tritanomaly

37.8633, 37.8484, 32.0979

Monochromacy



Original Color

35.1269, 38.3620, 17.3576

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5866, 36.9904, 30.1279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1269, 38.3620, 17.3576 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(181, 167, 99)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 99)  
}
```

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(181, 167, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 99) }
```

Border

The CSS property to change the border of an element to XYZ 35.1269, 38.3620, 17.3576 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(181, 167, 99) }
```


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

```
.border{ border-color:rgb(181, 167, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 99);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1269, 38.3620, 17.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 99) }
```

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

```
.background{ background-color: rgb(181,  
167, 99) }
```

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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