

Converting Colors

XYZ(34.6680, 38.2985, 29.2304)

Have a look what the booklet for
XYZ(34.6680, 38.2985, 29.2304)
contains.

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Color

**XYZ(34.6397, 38.3976,
29.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A989
RGB	167, 169, 137
RGB Percent	65%, 66%, 54%
CMY	0.3451, 0.3372, 0.4627
CMYK	0.01, 0.00, 0.19, 0.34
HSL	64°, 16%, 60%
HSV	64°, 19%, 66%
XYZ	34.6397, 38.3976, 29.2527
YIQ	164.7540, 9.0800, -10.3760

Conversions

Conversions Part 2

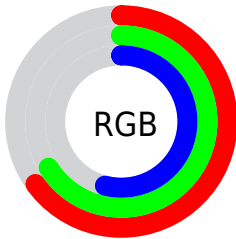
Format	Color
RYB	137, 169, 139
Decimal	10987913
CIELab	68.31, -6.27, 16.31
CIELCh	68, 17.477, 111.018
Yxy	38.3976, 0.3386, 0.3754
Android (android.graphics.Color)	4289177993 (0xFFA7A989)
YUV	164.7540, -13.6827, 1.9697
Hunter-Lab	61.9658, -8.6563, 15.3865

Details

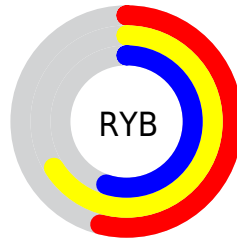
The XYZ color **34.6397, 38.3976, 29.2527** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7561, 26.2459, 41.1940**, and the grayscale version is **35.7076, 37.5672, 40.9107**.

A 20% lighter version of the original color is **66.0741, 72.5586, 59.2379**, and **15.1518, 17.0555, 11.5103** is the 20% darker color. If you saturate the color by 10%, you get **33.2989, 37.8368, 23.3497**, and if you desaturate by 10%, it is **36.1743, 39.0387, 36.1577**.

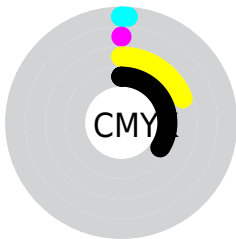
Distribution



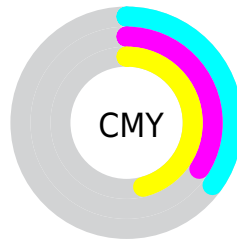
- Red (65%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6397, 38.3976, 29.2527 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 34.6397, 38.3976, 29.2527 by changing the saturation by 10% instead.

■ 34.6397, 38.3976,
29.2527

■ 34.6397, 38.3976,
29.2527

314.5111,
339.3225, 312.5036

■ 23.5507, 26.2914,
19.0248

■ 66.2649, 72.7171,
59.5253

■ 15.1236, 17.0418,
11.5112

■ 87.5319, 95.6993,
80.4071

■ 8.9930, 10.2643,
6.2933

■ 112.9221,
123.0756, 105.6774

■ 4.7937, 5.5745,
2.9526

142.8011,
155.2304, 135.7546

■ 2.1602, 2.5881,
1.0705

177.5341,
192.5481, 171.0572

■ 0.7217, 0.9207,
0.0000

217.4865,

■ 0.0000, 0.0000,

235.4130, 212.0039

0.0000

263.0237,
284.2097, 259.0132

■ 34.6397, 38.3976,
29.2527

■ 34.6397, 38.3976,
29.2527

■ 33.2989, 37.8368,
23.3497

■ 36.1743, 39.0387,
36.1577

■ 32.1400, 37.3478,
18.3997

■ 37.9079, 39.7583,
44.1055

■ 31.1546, 36.9283,
14.3535

■ 39.8493, 40.5612,
53.1380

■ 30.3322, 36.5742,
11.1564

■ 42.0058, 41.4504,
63.2936

■ 29.6613, 36.2810,
8.7477

■ 44.3845, 42.4286,
74.6092

■ 29.1289, 36.0434,
7.0589

■ 46.9919, 43.4986,
87.1199

■ 28.7198, 35.8553,
6.0097

■ 49.7854, 44.6432,
100.6008

■ 28.4046, 35.7050,
5.4463

■ 50.0228, 44.7656,
100.6119

■ 28.3726, 35.6896,
5.3934

■ 50.2621, 44.8889,
100.6231

Harmonies

Analogous

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



37.3241, 38.3976, 28.6125



34.6397, 38.3976, 29.2527



32.5539, 38.3976, 33.0215

Triad

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



34.6397, 38.3976, 29.2527



33.2826, 38.3976, 54.6601



41.9475, 38.3976, 44.2074

Complementary

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



34.6397, 38.3976, 29.2527



26.7561, 26.2459, 41.1940

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.



40.7437, 38.3976, 52.0304



34.6397, 38.3976, 29.2527



35.6798, 38.3976, 58.5420

Square

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



34.6397, 38.3976, 29.2527



31.7980, 38.3976, 47.4534



38.4170, 38.3976, 57.5238



41.6348, 38.3976, 36.6299

Rectangle

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



34.6397, 38.3976, 29.2527



31.7397, 38.3976, 37.0927



38.4170, 38.3976, 57.5238



41.7047, 38.3976, 46.9079

Sweetspot

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



34.6407, 38.3993, 29.2535



65.6237, 70.2618, 68.5861



30.0536, 28.5918, 27.6022



14.2628, 15.2972, 14.7647



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.



34.6407, 38.3993, 29.2535



60.9191, 68.2996, 47.4401



31.5416, 36.8017, 29.1085



8.0998, 8.7496, 8.0512



21.1616, 26.6064, 4.0202



0.5282, 0.6542, 0.0984

Inverse Universe

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



26.7561, 26.2459, 41.1940



44.0053, 42.2274, 73.0565



29.5492, 27.6858, 41.3248



7.1737, 7.3221, 9.4536



5.4533, 2.1947, 28.1117



0.1458, 0.0602, 0.6846

Previews

White Background



This preview shows how the XYZ color 34.6397, 38.3976, 29.2527 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 34.6397, 38.3976, 29.2527 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

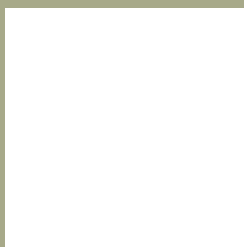
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6397, 38.3976, 29.2527

Background



This preview shows how black text looks on a background with the XYZ color 34.6397, 38.3976, 29.2527.



This preview shows how white text looks on a background with the XYZ color 34.6397, 38.3976,

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

34.6397, 38.3976, 29.2527

Protanopia

35.9846, 38.2801, 28.7848

Deuteranopia

38.9692, 38.2122, 29.7479



Tritanopia

38.1252, 38.4562, 46.4877

Trichromacy



Original Color

34.6397, 38.3976, 29.2527

Protanomaly

35.4962, 38.2992, 28.8142

Deuteranomaly

37.2131, 38.0966, 29.4368

Tritanomaly

36.7354, 38.4271, 39.6634

Monochromacy



Original Color

34.6397, 38.3976, 29.2527

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2785, 37.7460, 36.4367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6397, 38.3976, 29.2527 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(167, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 137)  
}
```

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(167, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 137) }
```

Border

The CSS property to change the border of an element to XYZ 34.6397, 38.3976, 29.2527 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(167, 169, 137) }
```


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

```
.border{ border-color:rgb(167, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 169, 137); box-shadow:4px 4px 4px 4px rgb(167, 169, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6397, 38.3976, 29.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 137) }
```

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

```
.background{ background-color: rgb(167,  
169, 137) }
```

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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