

Converting Colors

XYZ(38.9410, 36.7557, 26.5149)

Have a look what the booklet for
XYZ(38.9410, 36.7557, 26.5149)
contains.

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Color

**XYZ(38.9410, 36.7557,
26.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	C69A83
RGB	198, 154, 131
RGB Percent	78%, 60%, 51%
CMY	0.2235, 0.3961, 0.4863
CMYK	0.00, 0.22, 0.34, 0.22
HSL	21°, 37%, 65%
HSV	21°, 34%, 78%
XYZ	38.9410, 36.7557, 26.5149
YIQ	164.5340, 33.6070, 2.1750

Conversions

Conversions Part 2

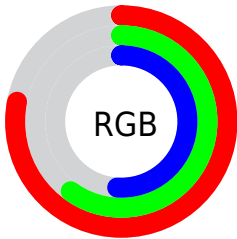
Format	Color
R_{YB}	198, 166, 131
Decimal	13015683
CIE _{Lab}	67.09, 13.20, 18.37
CIE _{LCh}	67, 22.620, 54.307
Yxy	36.7557, 0.3810, 0.3596
Android (android.graphics.Color)	4291205763 (0xFFC69A83)
YUV	164.5340, -16.5323, 29.3497
Hunter-Lab	60.6265, 8.5560, 16.5081

Details

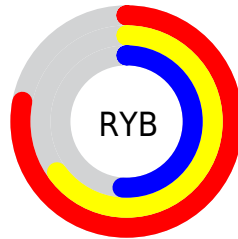
The XYZ color **38.9410, 36.7557, 26.5149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8825, 39.5609, 59.2235**, and the grayscale version is **35.6072, 37.4616, 40.7957**.

A 20% lighter version of the original color is **72.4476, 69.8324, 55.0080**, and **17.6631, 16.1342, 9.9678** is the 20% darker color. If you saturate the color by 10%, you get **35.6944, 32.2087, 19.4327**, and if you desaturate by 10%, it is **42.6784, 41.8736, 35.0267**.

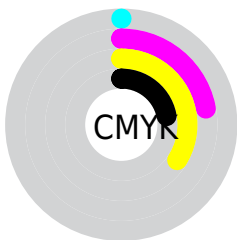
Distribution



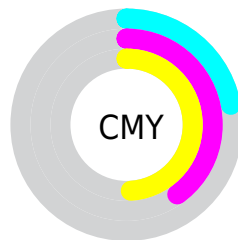
- Red (78%)
- Green (60%)
- Blue (51%)



- Red (78%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9410, 36.7557, 26.5149 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 38.9410, 36.7557, 26.5149 by changing the saturation by 10% instead.


 38.9410, 36.7557,
26.5149


 38.9410, 36.7557,
26.5149

332.8511,
332.2516, 298.9861


 26.8944, 25.0184,
16.9800


 72.8428, 70.1969,
55.0987

 17.6301, 16.0908,
10.0584


 95.4287, 92.6696,
74.9847

 10.7828, 9.5884,
5.3316


 122.2584,
119.4895, 99.1581

 5.9872, 5.1269,
2.3810

153.6972,
151.0411, 128.0376

 2.8779, 2.3219,
0.7761

190.1105,
187.7087, 162.0416

 1.0895, 0.7853,
0.0000

231.8637,

 0.0163, 0.0000,

229.8767, 201.5886

0.0000

279.3221,
277.9295, 247.0973

0.0000, 0.0000,
0.0000

38.9410, 36.7557,
26.5149

38.9410, 36.7557,
26.5149

35.6944, 32.2087,
19.4327

42.6784, 41.8736,
35.0267

32.9138, 28.2069,
13.6983

46.9244, 47.5768,
45.0392

30.5762, 24.7300,
9.2248

51.6991, 53.8855,
56.6216

28.6553, 21.7544,
5.9141

57.0208, 60.8173,
69.8379

27.1215, 19.2543,
3.6536

62.9068, 68.3891,
84.7487

■ 25.9404, 17.2010,
2.3072

■ 69.3737, 76.6172,
101.4114

■ 25.3548, 16.1380,
1.7786

■ 73.9961, 84.5407,
107.0257

■ 77.0986, 90.7457,
108.0599

Harmonies

Analogous

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



41.3213, 36.7557, 32.7138



38.9410, 36.7557, 26.5149



35.5958, 36.7557, 23.9662

Triad

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



38.9410, 36.7557, 26.5149



28.7541, 36.7557, 38.1697



37.7312, 36.7557, 59.9017

Complementary

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



38.9410, 36.7557, 26.5149



34.8825, 39.5609, 59.2235

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.



34.2828, 36.7557, 62.0023



38.9410, 36.7557, 26.5149



29.2435, 36.7557, 48.3419

Square

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



38.9410, 36.7557, 26.5149



29.8305, 36.7557, 29.9484



31.2140, 36.7557, 57.4749



40.5913, 36.7557, 52.1306

Rectangle

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



38.9410, 36.7557, 26.5149



33.3249, 36.7557, 24.3192



31.2140, 36.7557, 57.4749



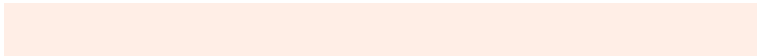
36.5966, 36.7557, 61.3426

Sweetspot

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



38.9420, 36.7574, 26.5156



86.1018, 88.2430, 86.9899



39.2087, 31.3601, 44.8883



18.1771, 18.5533, 18.0108



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.



38.9420, 36.7574, 26.5156



64.4135, 58.7409, 36.9877



45.1205, 49.1145, 28.5751



10.9267, 11.2224, 11.1530



16.5611, 10.6394, 1.1807



0.8517, 0.6389, 0.0784

Inverse Universe

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



34.8825, 39.5609, 59.2235



56.0690, 64.4634, 104.0953



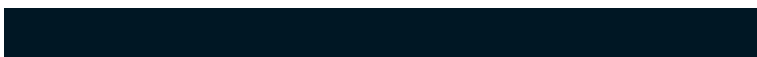
29.2513, 28.2986, 57.3464



10.6283, 11.4306, 13.5636



11.9037, 13.2014, 36.6651



0.6291, 0.7561, 1.7579

Previews

White Background



This preview shows how the XYZ color 38.9410, 36.7557, 26.5149 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 38.9410, 36.7557, 26.5149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

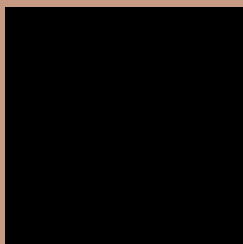
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9410, 36.7557, 26.5149

Background



This preview shows how black text looks on a background with the XYZ color 38.9410, 36.7557, 26.5149.



This preview shows how white text looks on a background with the XYZ color 38.9410, 36.7557,

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

38.9410, 36.7557, 26.5149

Protanopia

34.7039, 36.8279, 28.2011

Deuteranopia

37.5721, 36.8020, 26.2423



Tritanopia

41.4268, 36.8034, 38.6386

Trichromacy



Original Color

38.9410, 36.7557, 26.5149

Protanomaly

36.1653, 36.8079, 27.7528

Deuteranomaly

38.1659, 36.8580, 26.2218

Tritanomaly

40.3910, 36.6146, 33.7926

Monochromacy



Original Color

38.9410, 36.7557, 26.5149

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6261, 37.1368, 35.3747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9410, 36.7557, 26.5149 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(198, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 131)  
}
```

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(198, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 131) }
```

Border

The CSS property to change the border of an element to XYZ 38.9410, 36.7557, 26.5149 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(198, 154, 131) }
```


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

```
.border{ border-color:rgb(198, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9410, 36.7557, 26.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 131) }
```

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

```
.background{ background-color: rgb(198,  
154, 131) }
```

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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