

Converting Colors

XYZ(38.3529, 37.7187, 26.0279)

Have a look what the booklet for
XYZ(38.3529, 37.7187, 26.0279)
contains.

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Color

**XYZ(38.3529, 37.7187,
26.0279)**

Conversions

Conversions Part 1

Format	Color
Hex	C19F81
RGB	193, 159, 129
RGB Percent	76%, 62%, 51%
CMY	0.2431, 0.3765, 0.4941
CMYK	0.00, 0.18, 0.33, 0.24
HSL	28°, 34%, 63%
HSV	28°, 33%, 76%
XYZ	38.3529, 37.7187, 26.0279
YIQ	165.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

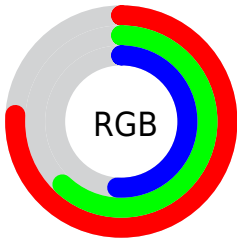
Format	Color
RYB	193, 185, 129
Decimal	12689281
CIELab	67.81, 8.22, 20.38
CIElCh	68, 21.975, 68.041
Yxy	37.7187, 0.3756, 0.3694
Android (android.graphics.Color)	4290879361 (0xFFC19F81)
YUV	165.7460, -18.1158, 23.9018
Hunter-Lab	61.4156, 3.9928, 17.8638

Details

The XYZ color **38.3529, 37.7187, 26.0279** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.7757, 34.7107, 55.4772**, and the grayscale version is **36.1982, 38.0834, 41.4728**.

A 20% lighter version of the original color is **71.9144, 71.7945, 54.3234**, and **17.2918, 16.7076, 9.9029** is the 20% darker color. If you saturate the color by 10%, you get **35.4990, 33.8736, 19.3340**, and if you desaturate by 10%, it is **41.5973, 41.9567, 34.0483**.

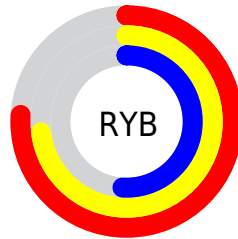
Distribution



Red (76%)

Green (62%)

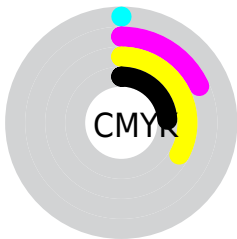
Blue (51%)



Red (76%)

Yellow (73%)

Blue (51%)

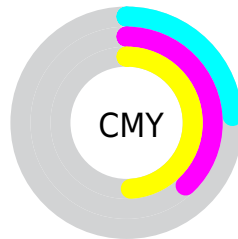


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3529, 37.7187, 26.0279 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 38.3529, 37.7187, 26.0279 by changing the saturation by 10% instead.


 38.3529, 37.7187,
26.0279


 38.3529, 37.7187,
26.0279


330.3861,
336.4117, 296.5288


 26.4352, 25.7644,
16.6186


 71.9491, 71.6768,
54.3046

 17.2839, 16.6475,
9.8038


 94.3583, 94.4494,
74.0090

 10.5336, 9.9835,
5.1652


 120.9954,
121.5969, 97.9822

 5.8191, 5.3880,
2.2841

152.2257,
153.5037, 126.6428

 2.7750, 2.4767,
0.7223

188.4146,
190.5542, 160.4091

 1.0359, 0.8649,
0.0000

229.9273,

 0.0000, 0.0000,

233.1327, 199.6999

0.0000

277.1294,
281.6238, 244.9336

■ 38.3529, 37.7187,
26.0279

■ 38.3529, 37.7187,
26.0279

■ 35.4990, 33.8736,
19.3340

■ 41.5973, 41.9567,
34.0483

■ 33.0155, 30.4036,
13.8911

■ 45.2454, 46.5943,
43.4603

■ 30.8847, 27.2972,
9.6194


■ 49.3131, 51.6444,
54.3277


■ 29.0858, 24.5399,
6.4291


■ 53.8146, 57.1178,
66.7094

■ 27.5957, 22.1160,
4.2169


■ 58.7634, 63.0250,
80.6612

 26.3867, 20.0079,
2.8588

 64.1724, 69.3757,
96.2360

 25.6892, 18.7313,
2.2615

 68.5534, 75.5796,
105.5829

 71.5036, 81.4799,
106.5663

 74.6245, 87.7218,
107.6066

Harmonies

Analogous

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



41.2536, 37.7187, 30.5716



38.3529, 37.7187, 26.0279



34.9431, 37.7187, 25.1706

Triad

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



38.3529, 37.7187, 26.0279



29.7550, 37.7187, 43.7464



40.0350, 37.7187, 57.6630

Complementary

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



38.3529, 37.7187, 26.0279



31.7757, 34.7107, 55.4772

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.



36.7735, 37.7187, 62.5548



38.3529, 37.7187, 26.0279



30.9410, 37.7187, 53.7308

Square

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



38.3529, 37.7187, 26.0279



30.1188, 37.7187, 34.4540



33.4594, 37.7187, 61.0122



42.2668, 37.7187, 48.4813

Rectangle

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



38.3529, 37.7187, 26.0279



32.8621, 37.7187, 26.6528



33.4594, 37.7187, 61.0122



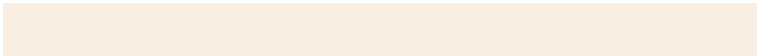
39.0148, 37.7187, 59.9248

Sweetspot

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



38.3539, 37.7205, 26.0287



83.1428, 86.0887, 83.4045



36.4657, 29.6875, 38.5216



17.6218, 18.2002, 17.3235



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.3539, 37.7205, 26.0287



64.8102, 62.3486, 37.4474



44.5567, 50.1260, 28.0963



10.4538, 10.8390, 10.6030



17.1650, 12.6158, 1.5304



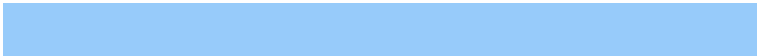
0.8106, 0.6830, 0.0891

Inverse Universe

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



31.7757, 34.7107, 55.4772



51.1710, 56.1037, 98.4924



26.8135, 24.7863, 53.8232



9.9613, 10.6139, 12.8085



9.6771, 9.1107, 34.8051



0.4866, 0.5307, 1.5267

Previews

White Background



This preview shows how the XYZ color 38.3529, 37.7187, 26.0279 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 38.3529, 37.7187, 26.0279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

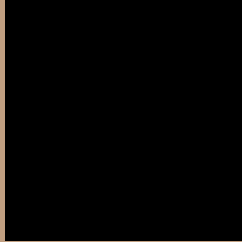
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3529, 37.7187, 26.0279

Background



This preview shows how black text looks on a background with the XYZ color 38.3529, 37.7187, 26.0279.



This preview shows how white text looks on a background with the XYZ color 38.3529, 37.7187,

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

38.3529, 37.7187, 26.0279

Protanopia

35.5245, 37.8063, 27.2548

Deuteranopia

38.6087, 37.8506, 26.0399



Tritanopia

41.4645, 37.7347, 41.1745

Trichromacy



Original Color

38.3529, 37.7187, 26.0279

Protanomaly

36.4853, 37.7782, 26.8417

Deuteranomaly

38.6087, 37.8506, 26.0399

Tritanomaly

40.4032, 37.8126, 35.3061

Monochromacy



Original Color

38.3529, 37.7187, 26.0279

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7515, 37.7244, 35.4815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3529, 37.7187, 26.0279 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(193, 159, 129)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 129)  
}
```

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(193, 159, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 129) }
```

Border

The CSS property to change the border of an element to XYZ 38.3529, 37.7187, 26.0279 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(193, 159, 129) }
```


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

```
.border{ border-color:rgb(193, 159, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3529, 37.7187, 26.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 129) }
```

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

```
.background{ background-color: rgb(193,  
159, 129) }
```

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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