

Converting Colors

XYZ(38.4425, 34.7534, 26.1093)

Have a look what the booklet for
XYZ(38.4425, 34.7534, 26.1093)
contains.

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Color

**XYZ(38.6178, 34.9236,
26.1783)**

Conversions

Conversions Part 1

Format	Color
Hex	C99383
RGB	201, 147, 131
RGB Percent	79%, 58%, 51%
CMY	0.2118, 0.4235, 0.4863
CMYK	0.00, 0.27, 0.35, 0.21
HSL	14°, 39%, 65%
HSV	14°, 35%, 79%
XYZ	38.6178, 34.9236, 26.1783
YIQ	161.3220, 37.3200, 6.4720

Conversions

Conversions Part 2

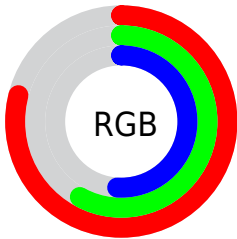
Format	Color
R _Y B	201, 152, 131
Decimal	13210499
CIE Lab	65.69, 18.22, 16.48
CIE LCh	66, 24.567, 42.131
Yxy	34.9236, 0.3873, 0.3502
Android (android.graphics.Color)	4291400579 (0xFFC99383)
YUV	161.3220, -14.9487, 34.7976
Hunter-Lab	59.0962, 13.2267, 15.1032

Details

The XYZ color **38.6178, 34.9236, 26.1783** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2510, 43.7387, 61.7374**, and the grayscale version is **34.0820, 35.8570, 39.0482**.

A 20% lighter version of the original color is **70.7784, 66.4940, 54.4516**, and **17.3829, 14.9947, 9.9607** is the 20% darker color. If you saturate the color by 10%, you get **35.1349, 29.9304, 18.9358**, and if you desaturate by 10%, it is **42.6918, 40.6757, 34.9224**.

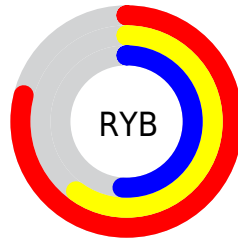
Distribution



Red (79%)

Green (58%)

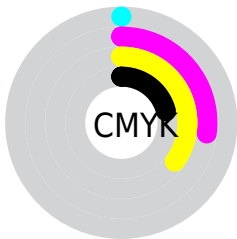
Blue (51%)



Red (79%)

Yellow (60%)

Blue (51%)

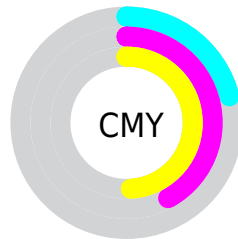


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (21%)



Cyan (21%)


Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6178, 34.9236, 26.1783 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 38.6178, 34.9236, 26.1783 by changing the saturation by 10% instead.


 38.6178, 34.9236,
26.1783


 38.6178, 34.9236,
26.1783

331.4980,
324.2310, 297.2895


 26.6419, 23.6040,
16.7301


 72.3519, 67.3674,
54.5501

 17.4397, 15.0402,
9.8823


 94.8408, 89.2604,
74.3107

 10.6457, 8.8476,
5.2164


 121.5648,
115.4467, 98.3459

 5.8947, 4.6419,
2.3138

152.8892,
146.3106, 127.0743

 2.8212, 2.0387,
0.7390

189.1794,
182.2367, 160.9143

 1.0599, 0.6298,
0.0000

230.8006,

 0.0000, 0.0000,

223.6091, 200.2844

0.0000

278.1184,
270.8124, 245.6033

■ 38.6178, 34.9236,
26.1783

■ 38.6178, 34.9236,
26.1783

■ 35.1349, 29.9304,
18.9358

■ 42.6918, 40.6757,
34.9224

■ 32.2121, 25.6593,
13.1076

■ 47.3805, 47.2119,
45.2443

■ 29.8196, 22.0775,
8.6008

■ 52.7094, 54.5620,
57.2176

■ 27.9236, 19.1480,
5.3103

■ 58.7018, 62.7531,
70.9107

■ 26.4861, 16.8297,
3.1146

■ 65.3798, 71.8108,
86.3880

■ 25.4625, 15.0766,
1.8668

■ 72.7645, 81.7596,
103.7106

■ 25.0626, 14.3680,
1.4523

■ 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



40.4606, 34.9236, 33.9956



38.6178, 34.9236, 26.1783



35.3717, 34.9236, 22.0573

Triad

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



38.6178, 34.9236, 26.1783



27.0104, 34.9236, 32.2411



34.6755, 34.9236, 60.9864

Complementary

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



38.6178, 34.9236, 26.1783



37.2510, 43.7387, 61.7374

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.



31.1072, 34.9236, 60.2828



38.6178, 34.9236, 26.1783



26.8538, 34.9236, 42.3627

Square

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



38.6178, 34.9236, 26.1783



28.7476, 34.9236, 25.0955



28.3031, 34.9236, 52.9974



38.0763, 34.9236, 54.7742

Rectangle

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



38.6178, 34.9236, 26.1783



32.9361, 34.9236, 21.4057



28.3031, 34.9236, 52.9974



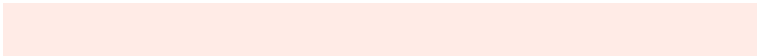
33.4529, 34.9236, 61.5783

Sweetspot

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



38.6187, 34.9253, 26.1790



85.2557, 86.5510, 86.7078



41.0491, 32.1885, 50.4111



17.9735, 18.1461, 17.9429



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.



38.6187, 34.9253, 26.1790



61.4036, 53.0473, 34.9783



44.7420, 47.1719, 28.2201



10.8274, 11.0239, 11.1199



15.8166, 9.1503, 0.9326



0.8057, 0.5469, 0.0631

Inverse Universe

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



37.2510, 43.7387, 61.7374



58.6846, 70.3865, 105.1007



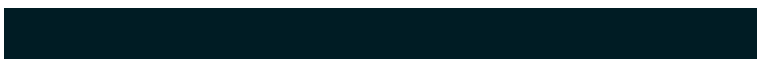
30.9428, 31.1223, 59.6346



10.7332, 11.6404, 13.5986



14.0753, 17.5444, 37.3889



0.7183, 0.9343, 1.7876

Previews

White Background



This preview shows how the XYZ color 38.6178, 34.9236, 26.1783 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 38.6178, 34.9236, 26.1783 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 38.6178, 34.9236, 26.1783

Background



This preview shows how black text looks on a background with the XYZ color 38.6178, 34.9236, 26.1783.



This preview shows how white text looks on a background with the XYZ color 38.6178, 34.9236,

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

38.6178, 34.9236, 26.1783

Protanopia

33.0619, 34.9272, 28.6660

Deuteranopia

35.8346, 35.1620, 26.0174



Tritanopia

40.5183, 35.0096, 35.6323

Trichromacy



Original Color

38.6178, 34.9236, 26.1783

Protanomaly

34.9169, 34.8953, 27.8168

Deuteranomaly

36.5817, 34.8213, 25.9122

Tritanomaly

39.6708, 34.8827, 31.8363

Monochromacy



Original Color

38.6178, 34.9236, 26.1783

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.2980, 35.2090, 33.7898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6178, 34.9236, 26.1783 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(201, 147, 131)` looks like.

```
.text, #text, p{  
    color:rgb(201, 147, 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(201, 147, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 147, 131) }
```

Border

The CSS property to change the border of an element to XYZ 38.6178, 34.9236, 26.1783 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(201, 147, 131) }
```


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

```
.border{ border-color:rgb(201, 147, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 147, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 147, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 147, 131);  
box-shadow:4px 4px 4px 4px rgb(201, 147,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6178, 34.9236, 26.1783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 147, 131) }
```

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

```
.background{ background-color: rgb(201,  
147, 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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