

Converting Colors

XYZ(38.0922, 26.3590, 51.6587)

Have a look what the booklet for
XYZ(38.0922, 26.3590, 51.6587)
contains.

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Color

**XYZ(38.1051, 26.3752,
51.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	C76BBE
RGB	199, 107, 190
RGB Percent	78%, 42%, 75%
CMY	0.2196, 0.5804, 0.2549
CMYK	0.00, 0.46, 0.05, 0.22
HSL	306°, 45%, 60%
HSV	306°, 46%, 78%
XYZ	38.1051, 26.3752, 51.7978
YIQ	143.9700, 28.1890, 45.3170

Conversions

Conversions Part 2

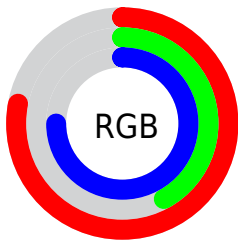
Format	Color
R _Y B	199, 107, 190
Decimal	13069246
CIE Lab	58.39, 48.03, -27.87
CIE LCh	58, 55.528, 329.877
Yxy	26.3752, 0.3277, 0.2268
Android (android.graphics.Color)	4291259326 (0xFFC76BBE)
YUV	143.9700, 22.6928, 48.2613
Hunter-Lab	51.3568, 42.5669, -23.8494

Details

The XYZ color **38.1051, 26.3752, 51.7978** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.6403, 45.2344, 23.6935**, and the grayscale version is **26.4016, 27.7766, 30.2487**.

A 20% lighter version of the original color is **70.7734, 53.4651, 94.5853**, and **17.0908, 10.2555, 24.3713** is the 20% darker color. If you saturate the color by 10%, you get **36.0530, 22.6088, 50.0711**, and if you desaturate by 10%, it is **40.6392, 31.0999, 53.6997**.

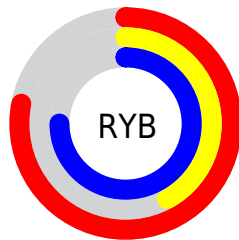
Distribution



Red (78%)

Green (42%)

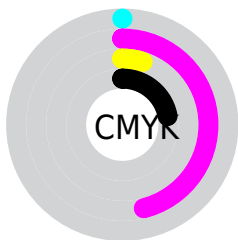
Blue (75%)



Red (78%)

Yellow (42%)

Blue (75%)

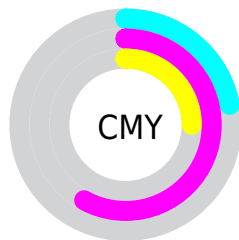


Cyan (0%)

Magenta (46%)

Yellow (5%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1051, 26.3752, 51.7978 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 38.1051, 26.3752, 51.7978 by changing the saturation by 10% instead.


 38.1051, 26.3752,
51.7978


 38.1051, 26.3752,
51.7978

329.3437,
284.6191, 410.5902


 26.2419, 17.1045,
36.4628


 71.5721, 53.8796,
94.2565


 17.1383, 10.3091,
24.4993


 93.9065, 72.8822,
122.2173

 10.4291, 5.6043,
15.4888


 120.4620, 95.8975,
155.2238

 5.7488, 2.6060,
9.0127

 151.6040,
123.3099, 193.6945

 2.7321, 0.9297,
4.6526

187.6978,
155.5039, 238.0479

 1.0137, 0.0000,
1.9897

229.1088,

 0.0000, 0.0000,

192.8638, 288.7027

0.5490

276.2023,
235.7741, 346.0773

■ 0.0000, 0.0000,
0.0000

■ 38.1051, 26.3752,
51.7978

■ 38.1051, 26.3752,
51.7978

■ 36.0530, 22.6088,
50.0711

■ 40.6392, 31.0999,
53.6997

■ 34.4471, 19.7307,
48.5068

■ 43.6826, 36.8394,
55.7852

■ 33.2507, 17.6671,
47.0930

■ 47.2639, 43.6501,
58.0641

■ 32.4202, 16.3310,
45.8150

■ 51.4087, 51.5831,
60.5451

■ 31.9003, 15.6113,
44.6544

■ 56.1410, 60.6863,
63.2361

■ 31.7440, 15.4185,
44.2335

■ 61.4832, 71.0050,
66.1447

■ 67.4568, 82.5817,
69.2781

■ 70.4025, 88.0979,
71.4166

■ 70.6399, 88.1928,
72.6668

Harmonies

Analogous

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



32.1322, 26.3752, 74.7190



38.1051, 26.3752, 51.7978



40.4778, 26.3752, 28.7980

Triad

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



38.1051, 26.3752, 51.7978



25.0967, 26.3752, 5.2369



15.3870, 26.3752, 51.5931

Complementary

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



38.1051, 26.3752, 51.7978



29.6403, 45.2344, 23.6935

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.



14.1704, 26.3752, 28.6383



38.1051, 26.3752, 51.7978



19.1248, 26.3752, 6.9982

Square

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



38.1051, 26.3752, 51.7978



32.1892, 26.3752, 7.0294



15.4071, 26.3752, 13.7721



19.0845, 26.3752, 74.5680

Rectangle

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



38.1051, 26.3752, 51.7978



39.4193, 26.3752, 17.8115



15.4071, 26.3752, 13.7721



14.7075, 26.3752, 43.3582

Sweetspot

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



38.1060, 26.3764, 51.7983



84.1426, 79.0768, 102.5153



22.5942, 18.2626, 56.3676



17.6890, 16.3129, 21.7458



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.



38.1060, 26.3764, 51.7983



63.2612, 39.8321, 87.7919



33.9485, 24.7134, 29.9052



11.0366, 10.7980, 13.1763



20.4301, 9.9216, 28.5383



0.9807, 0.4751, 1.4213

Inverse Universe

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



38.1060, 26.3764, 51.7983



63.2612, 39.8321, 87.7919



32.8915, 46.5349, 40.8141



11.0366, 10.7980, 13.1763



20.4301, 9.9216, 28.5383



0.9807, 0.4751, 1.4213

Previews

White Background



This preview shows how the XYZ color 38.1051, 26.3752, 51.7978 looks on a white background.

Color Contrast Check

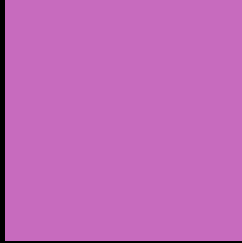
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.1051, 26.3752, 51.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

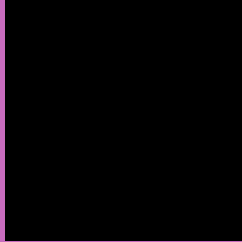
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.1051, 26.3752, 51.7978

Background



This preview shows how black text looks on a background with the XYZ color 38.1051, 26.3752, 51.7978.



This preview shows how white text looks on a background with the XYZ color 38.1051, 26.3752,

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

38.1051, 26.3752, 51.7978

Protanopia

28.2937, 26.6607, 67.9448

Deuteranopia

27.1003, 26.4629, 49.0269



Tritanopia

32.6049, 26.4929, 24.5143

Trichromacy



Original Color

38.1051, 26.3752, 51.7978

Protanomaly

30.4070, 25.6547, 61.7418

Deuteranomaly

30.1626, 25.7918, 49.8430

Tritanomaly

34.4186, 26.3599, 32.9797

Monochromacy



Original Color

38.1051, 26.3752, 51.7978

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.8592, 26.6983, 37.2978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1051, 26.3752, 51.7978 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(199, 107, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 190)  
}
```

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(199, 107, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 190) }
```

Border

The CSS property to change the border of an element to XYZ 38.1051, 26.3752, 51.7978 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(199, 107, 190) }
```


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

```
.border{ border-color:rgb(199, 107, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1051, 26.3752, 51.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 190) }
```

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

```
.background{ background-color: rgb(199,  
107, 190) }
```

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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