

Converting Colors

YUV(138.0410, 21.6718,
49.0760)

Have a look what the booklet for
YUV(138.0410, 21.6718, 49.0760)
contains.

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Color

**YUV(138.0410, 21.6718,
49.0760)**

Conversions

Conversions Part 1	
Format	Color
Hex	C265B6
RGB	194, 101, 182
RGB Percent	76%, 40%, 71%
CMY	0.2392, 0.6039, 0.2863
CMYK	0.00, 0.48, 0.06, 0.24
HSL	308°, 43%, 58%
HSV	308°, 48%, 76%
XYZ	35.3453, 24.1541, 47.0553
YIQ	138.0410, 29.4270, 44.9070

Conversions

Conversions Part 2

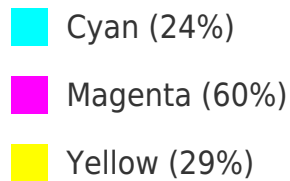
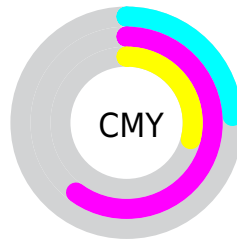
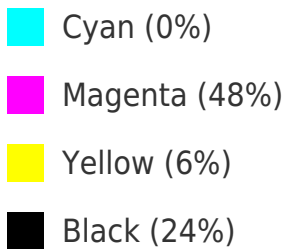
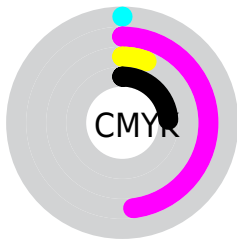
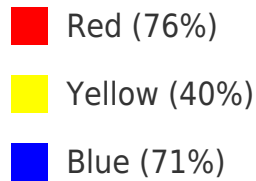
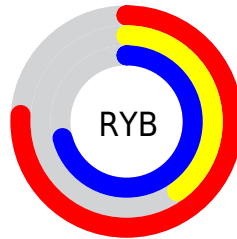
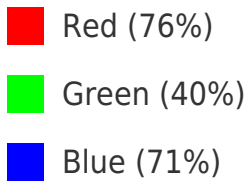
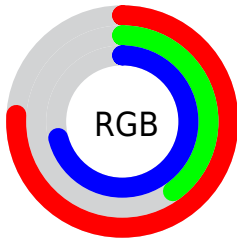
Format	Color
RYB	194, 101, 182
Decimal	12740022
CIELab	56.24, 48.17, -26.65
CIELCh	56, 55.053, 331.042
Yxy	24.1541, 0.3317, 0.2267
Android (android.graphics.Color)	4290930102 (0xFFC265B6)
YUV	138.0410, 21.6718, 49.0760
Hunter-Lab	49.1468, 42.3664, -22.3640

Details

The YUV color **138.0410, 21.6718, 49.0760** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **156.9590, -21.6718, -49.0760**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4650, 21.9558, 51.3352**, and **84.1440, 22.1140, 47.2317** is the 20% darker color. If you saturate the color by 10%, you get **126.5460, 25.8598, 59.1572**, and if you desaturate by 10%, it is **149.5360, 17.4838, 38.9949**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YUV color 138.0410, 21.6718, 49.0760 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 YUV color 138.0410, 21.6718, 49.0760 by changing the saturation by 10% instead.


 138.0410, 21.6718,
49.0760


 138.0410, 21.6718,
49.0760


 255.0000, 0.0000,
0.0000


 111.3290, 21.5298,
47.9465


 193.4650, 21.9558,
51.3352


 84.1440, 22.1140,
47.2317


 212.7360, 20.8362,
37.0655

 55.4970, 23.4190,
48.6761

 229.1720, 12.7332,
22.6512

 34.4210, 21.9774,
44.3578

 246.1950, 4.3409,
7.7220

 24.0250, 15.7637,
30.6731

 14.6400, 9.5445,
18.7327

 0.7980, 3.0576,

-0.6998

0.0000, 0.0000,
0.0000

138.0410, 21.6718,
49.0760

138.0410, 21.6718,
49.0760

126.5460, 25.8598,
59.1572

149.5360, 17.4838,
38.9949

114.5780, 30.7740,
69.6531

161.5040, 12.5695,
28.4990

103.0830, 34.9621,
79.7342


172.9990, 8.3815,
18.4179


91.1150, 39.8763,
90.2301

184.9670, 3.4673,
7.9219

79.6200, 44.0643,
100.3113


196.4620, -0.7208,
-2.1592

 77.2720, 45.2219,
102.3705

 207.8430, -5.3456,
-12.1403

 219.9250, -9.8230,
-22.7362

 230.7190,
-14.1585, -32.2026

 231.0610,
-12.8481, -32.5025

Harmonies

Analogous

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



136.7280, 39.5741, 0.2385



138.0410, 21.6718, 49.0760



134.0000, 0.4930, 75.4220

Triad

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



138.0410, 21.6718, 49.0760



128.5050, -49.5490, 25.8671



113.0210, 34.4996, -99.1194

Complementary

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



138.0410, 21.6718, 49.0760



156.9590, -21.6718, -49.0760

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.



108.1360, 13.2440, -94.8353



138.0410, 21.6718, 49.0760



123.8360, -38.3731, -12.1342

Square

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



138.0410, 21.6718, 49.0760



131.6950, -40.7686, 56.3955



109.7700, -11.7186, -68.2043



114.0760, 51.2345, -100.0447

Rectangle

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



138.0410, 21.6718, 49.0760



132.1240, -14.3581, 78.8213



109.7700, -11.7186, -68.2043



111.8980, 27.6583, -98.1345

Sweetspot

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



138.0410, 21.6718, 49.0760



230.9990, 8.3815, 18.4179



114.8910, 39.0007, -2.5354



114.7440, 5.0562, 11.6255



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



138.0410, 21.6718, 49.0760



164.2460, 34.3887, 76.9603



132.9110, 2.0159, 53.5751



91.0160, 2.4571, 5.2480



64.0990, 37.4192, 84.9822



13.1730, 7.8027, 17.3883

Inverse Universe

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



138.0410, 21.6718, 49.0760



164.2460, 34.3887, 76.9603



162.0890, -2.0159, -53.5751



91.0160, 2.4571, 5.2480



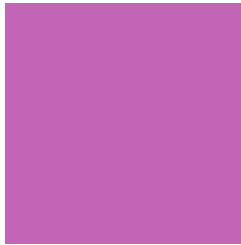
64.0990, 37.4192, 84.9822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 138.0410, 21.6718, 49.0760 looks on a white background.

Color Contrast Check

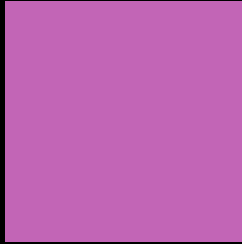
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 138.0410, 21.6718, 49.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

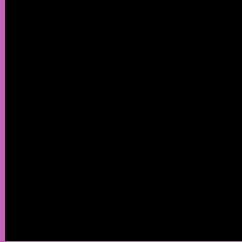
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.0410, 21.6718, 49.0760

Background



This preview shows how black text looks on a background with the YUV color 138.0410, 21.6718, 49.0760.



This preview shows how white text looks on a background with the YUV color 138.0410, 21.6718,

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

138.0410, 21.6718, 49.0760

Protanopia

134.2600, 35.8608, -22.1530

Deuteranopia

135.8090, 19.8142, -8.6025



Tritanopia

136.8530, -6.8295, 43.9789

Trichromacy



Original Color
138.0410, 21.6718, 49.0760



Protanomaly
135.4590, 30.8327, 3.9825



Deuteranomaly
136.4680, 20.4753, 12.7446



Tritanomaly
137.2090, 3.3480, 46.2977

Monochromacy



Original Color
138.0410, 21.6718, 49.0760



Achromatopsia
138.0000, 0.0000, 0.0000



Achromatomaly
138.1730, 7.8027, 17.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0410, 21.6718, 49.0760 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(194, 101, 182)` looks like.

```
.text, #text, p{  
    color:rgb(194, 101, 182)  
}
```

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(194, 101, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 101, 182) }
```

Border

The CSS property to change the border of an element to YUV 138.0410, 21.6718, 49.0760 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(194, 101, 182) }
```


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

```
.border{ border-color:rgb(194, 101, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 101, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 101, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 101, 182);  
box-shadow:4px 4px 4px 4px rgb(194, 101,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 138.0410, 21.6718, 49.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 101, 182) }
```

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

```
.background{ background-color: rgb(194,  
101, 182) }
```

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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