

Converting Colors

YIQ(150.6720, 25.8520, 38.1080)

Have a look what the booklet for
YIQ(150.6720, 25.8520, 38.1080)
contains.

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Color

**YIQ(150.6720, 25.8520,
38.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	C777BB
RGB	199, 119, 187
RGB Percent	78%, 47%, 73%
CMY	0.2194, 0.5334, 0.2666
CMYK	0.00, 0.40, 0.06, 0.22
HSL	309°, 42%, 62%
HSV	309°, 40%, 78%
XYZ	39.1328, 28.9243, 50.5413
YIQ	150.6720, 25.8520, 38.1080

Conversions

Conversions Part 2

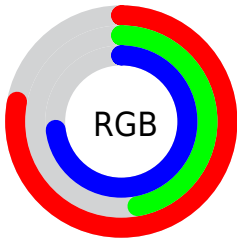
Format	Color
RYB	199, 119, 187
Decimal	13072315
CIELab	60.71, 41.30, -22.59
CIELCh	61, 47.073, 331.324
Yxy	28.9243, 0.3300, 0.2439
Android (android.graphics.Color)	4291262395 (0xFFC777BB)
YUV	150.6720, 17.9097, 42.3837
Hunter-Lab	53.7813, 35.7642, -18.0711

Details

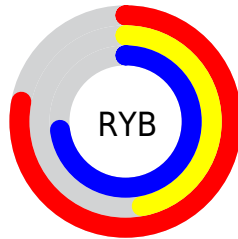
The YIQ color $150.6720, 25.8520, 38.1080$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $167.3280, -25.8520, -38.1080$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $205.4980, 26.4020, 39.1540$, and $97.9490, 23.5140, 36.4260$ is the 20% darker color. If you saturate the color by 10%, you get $138.5900, 32.3150, 47.6350$, and if you desaturate by 10%, it is $162.7540, 19.3890, 28.5810$.

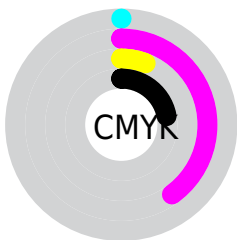
Distribution



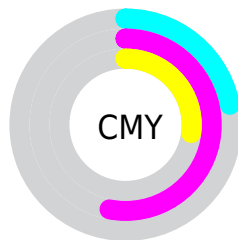
- Red (78%)
- Green (47%)
- Blue (73%)



- Red (78%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (22%)





- Cyan (22%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.6720, 25.8520, 38.1080 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 YIQ color 150.6720, 25.8520, 38.1080 by changing the saturation by 10% instead.


 150.6720, 25.8520,
38.1080


 150.6720, 25.8520,
38.1080


255.0000, -0.0000,
-0.0000

 123.9600, 24.9810,
37.3730


 205.4980, 26.4020,
39.1540


 98.2480, 24.1100,
36.6380


 223.3020, 14.8500,
28.2420

 71.9490, 23.5140,
36.4260

 239.7380, 7.1500,
13.5980

 45.0030, 23.4220,
38.0940

 26.2750, 19.4800,
32.4400

 17.6020, 13.7050,
21.4570

 1.7100, -4.8150,

4.6650

■ 0.0000, 0.0000,
0.0000

■ 150.6720, 25.8520,
38.1080

■ 150.6720, 25.8520,
38.1080

■ 138.5900, 32.3150,
47.6350

■ 162.7540, 19.3890,
28.5810

■ 126.5080, 38.7780,
57.1620

■ 174.8360, 12.9260,
19.0540

■ 114.4260, 45.2410,
66.6890

■ 186.9180, 6.4630,
9.5270

■ 102.3440, 51.7040,
76.2160

■ 199.0000, -0.0000,
0.0000

■ 90.2620, 58.1670,
85.7430

■ 211.0820, -6.4630,
-9.5270

■ 78.7670, 64.3550,
94.7470

■ 222.5770,
-12.6510, -18.5310

■ 232.8980,
-18.2890, -26.4890

■ 233.2400,
-19.2520, -25.5560

■ 233.5820,
-20.2150, -24.6230

Harmonies

Analogous

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



149.2460, -17.1070, 29.2050



150.6720, 25.8520, 38.1080



148.1790, 54.9210, 34.4170

Triad

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



150.6720, 25.8520, 38.1080



142.4860, 41.5890, -21.3470



118.8740, -105.9980, -28.3500

Complementary

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



150.6720, 25.8520, 38.1080



167.3280, -25.8520, -38.1080

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.



114.7870, -93.1120, -41.6240



150.6720, 25.8520, 38.1080



138.0410, 8.8090, -33.0070

Square

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



150.6720, 25.8520, 38.1080



145.1440, 60.8880, -2.1520



129.4670, -36.4890, -38.0650



119.4730, -114.5740, -16.0940

Rectangle

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



150.6720, 25.8520, 38.1080



146.8730, 64.2300, 25.3980



129.4670, -36.4890, -38.0650



117.9790, -102.1000, -32.9160

Sweetspot

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



150.6720, 25.8520, 38.1080



236.2330, 10.1300, 14.6580



131.7080, -18.5280, 27.4240



117.0920, 5.9130, 8.4810



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.



150.6720, 25.8520, 38.1080



181.3340, 39.3280, 58.2080



146.1120, 38.6920, 25.6680



93.6030, 2.7960, 4.3960



64.5830, 52.5290, 77.7850



14.1840, 11.8260, 16.9620

Inverse Universe

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



150.6720, 25.8520, 38.1080



181.3340, 39.3280, 58.2080



171.8880, -38.6920, -25.6680



93.6030, 2.7960, 4.3960



64.5830, 52.5290, 77.7850



14.1840, 11.8260, 16.9620

Previews

White Background



This preview shows how the YIQ color 150.6720, 25.8520, 38.1080 looks on a white background.

Color Contrast Check

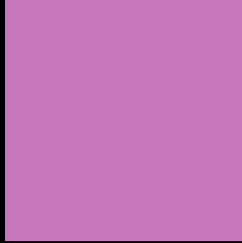
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 150.6720, 25.8520, 38.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

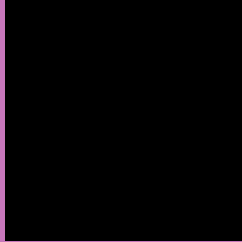
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.6720, 25.8520, 38.1080

Background



This preview shows how black text looks on a background with the YIQ color 150.6720, 25.8520, 38.1080.



This preview shows how white text looks on a background with the YIQ color 150.6720, 25.8520,

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

150.6720, 25.8520, 38.1080

Protanopia

146.8710, -29.7130, 15.3670

Deuteranopia

148.1470, -13.1150, 11.9170



Tritanopia

149.2760, 34.9340, 16.6780

Trichromacy



Original Color

150.6720, 25.8520, 38.1080

Protanomaly

148.5640, -9.4950, 23.4090

Deuteranomaly

148.9580, 0.9590, 21.1750

Tritanomaly

149.4640, 31.7690, 24.4810

Monochromacy



Original Color

150.6720, 25.8520, 38.1080

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.5210, 9.2590, 13.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.6720, 25.8520, 38.1080 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, 119, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 187)  
}
```

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, 119, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 187) }
```

Border

The CSS property to change the border of an element to YIQ 150.6720, 25.8520, 38.1080 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, 119, 187) }
```


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

```
.border{ border-color:rgb(199, 119, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 119, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 150.6720, 25.8520, 38.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 187) }
```

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

```
.background{ background-color: rgb(199,  
119, 187) }
```

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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