

Converting Colors

YIQ(138.3250, 26.3520, 62.0960)

Have a look what the booklet for
YIQ(138.3250, 26.3520, 62.0960)
contains.

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Color

**YIQ(138.3250, 26.3520,
62.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	CA5BD7
RGB	202, 91, 215
RGB Percent	79%, 36%, 84%
CMY	0.2075, 0.6433, 0.1569
CMYK	0.06, 0.58, 0.00, 0.16
HSL	294°, 61%, 60%
HSV	294°, 58%, 84%
XYZ	40.3838, 24.9494, 66.9787
YIQ	138.3250, 26.3520, 62.0960

Conversions

Conversions Part 2

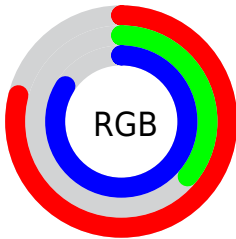
Format	Color
R _{YB}	202, 91, 215
Decimal	13261783
CIE Lab	57.03, 61.12, -44.19
CIE LCh	57, 75.421, 324.136
Yxy	24.9494, 0.3052, 0.1886
Android (android.graphics.Color)	4291451863 (0xFFCA5BD7)
YUV	138.3250, 37.8008, 55.8430
Hunter-Lab	49.9493, 56.9052, -44.5394

Details

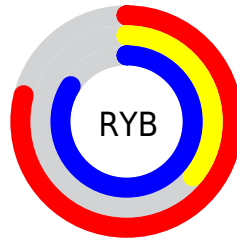
The YIQ color **138.3250, 26.3520, 62.0960** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **167.6750, -26.3520, -62.0960**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0170, 29.9750, 57.0070**, and **80.3790, 26.2600, 63.7640** is the 20% darker color. If you saturate the color by 10%, you get **124.8130, 31.2100, 73.1780**, and if you desaturate by 10%, it is **151.2500, 21.7690, 51.5370**.

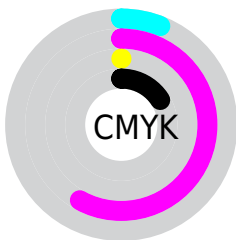
Distribution



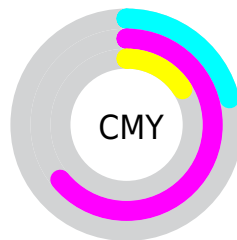
- Red (79%)
- Green (36%)
- Blue (84%)



- Red (79%)
- Yellow (36%)
- Blue (84%)



- Cyan (6%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3250, 26.3520, 62.0960 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 138.3250, 26.3520, 62.0960 by changing the saturation by 10% instead.

138.3250, 26.3520,
62.0960

138.3250, 26.3520,
62.0960

255.0000, -0.0000,
-0.0000

110.0260, 25.7560,
61.8840

191.0170, 29.9750,
57.0070

80.3790, 26.2600,
63.7640

207.4530, 22.2750,
42.3630

50.1450, 27.0390,
66.1670

224.4760, 14.3000,
27.1960

39.1080, 19.2930,
52.3570

241.4990, 6.3250,
12.0290

28.1850, 11.2260,
38.8580

18.0880, 3.7090,
26.4050

4.1040, -11.5560,

11.1960

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 138.3250, 26.3520,
62.0960

■ 138.3250, 26.3520,
62.0960

■ 124.8130, 31.2100,
73.1780

■ 151.2500, 21.7690,
51.5370

■ 111.8880, 35.7930,
83.7370

■ 165.0610, 17.5070,
40.6670

■ 98.0770, 40.0550,
94.6070

■ 177.9860, 12.9240,
30.1080

■ 85.1520, 44.6380,
105.1660

■ 191.4980, 8.0660,
19.0260

82.2170, 46.0130,
107.7810

204.4230, 3.4830,
8.4670

218.2340, -0.7790,
-2.4030

231.1590, -5.3620,
-12.9620

239.9750, -8.0200,
-19.8600

240.5730, -6.8280,
-19.4360

Harmonies

Analogous

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



132.9430, -55.4380, 35.5540



138.3250, 26.3520, 62.0960



125.9170, 80.4070, 68.1430

Triad

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



138.3250, 26.3520, 62.0960



128.9340, 69.1460, -30.6780



118.9880, -106.3190, -28.0390

Complementary

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



138.3250, 26.3520, 62.0960



167.6750, -26.3520, -62.0960

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.



110.6490, -84.2160, -48.6640



138.3250, 26.3520, 62.0960



121.5490, 26.9690, -53.7590

Square

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



138.3250, 26.3520, 62.0960



128.4720, 98.0710, 1.2950



99.8480, -60.6920, -67.5080



122.7960, -122.5530, -9.1530

Rectangle

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



138.3250, 26.3520, 62.0960



122.9940, 98.7030, 55.9430



99.8480, -60.6920, -67.5080



116.4800, -99.2570, -34.8810

Sweetspot

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



138.3250, 26.3520, 62.0960



228.2640, 8.8450, 21.4290



113.3540, -43.6540, 31.2420



111.8410, 5.3620, 12.9620



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.



138.3250, 26.3520, 62.0960



146.3060, 37.6720, 88.2320



136.7400, 49.5080, 49.9240



100.2440, 2.4290, 5.5410



65.2410, 36.2970, 85.6170



16.5630, 9.4410, 21.6410

Inverse Universe

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



129.5580, 69.7310, 30.3310



133.6760, 99.1180, 42.9100



169.2600, -49.5080, -49.9240



99.5170, 5.9140, 2.9540



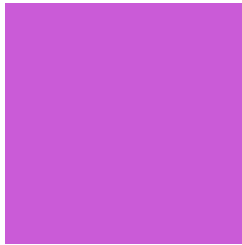
53.1810, 96.1380, 41.8500



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 138.3250, 26.3520, 62.0960 looks on a white background.

Color Contrast Check

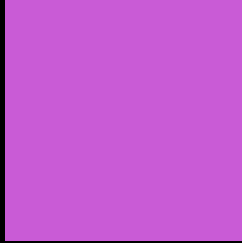
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3250, 26.3520, 62.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

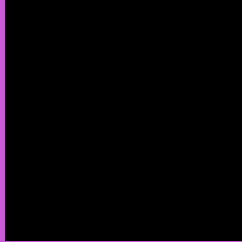
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.3250, 26.3520, 62.0960

Background



This preview shows how black text looks on a background with the YIQ color 138.3250, 26.3520, 62.0960.



This preview shows how white text looks on a background with the YIQ color 138.3250, 26.3520,

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

138.3250, 26.3520, 62.0960

Protanopia

129.4520, -73.4090, 25.3350

Deuteranopia

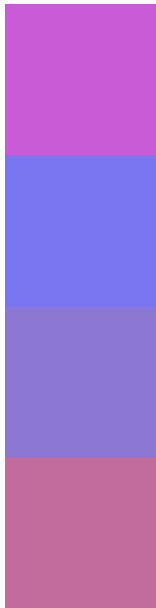
135.4120, -41.5420, 14.9860



Tritanopia

139.0380, 41.5360, 18.1760

Trichromacy



Original Color

138.3250, 26.3520, 62.0960

Protanomaly

132.8050, -37.3740, 38.5780

Deuteranomaly

136.2400, -16.9700, 32.2300

Tritanomaly

138.7130, 35.8020, 33.9940

Monochromacy



Original Color

138.3250, 26.3520, 62.0960

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0900, 9.3950, 22.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3250, 26.3520, 62.0960 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(202, 91, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 91, 215)  
}
```

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(202, 91, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 91, 215) }
```

Border

The CSS property to change the border of an element to YIQ 138.3250, 26.3520, 62.0960 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(202, 91, 215) }
```


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

```
.border{ border-color:rgb(202, 91, 215) }
```

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

Here you see how a box with a 4 pixel rgb(202, 91, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 91, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 91, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 91,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3250, 26.3520, 62.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 91, 215) }
```

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

```
.background{ background-color: rgb(202, 91,  
215) }
```

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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