

Converting Colors

YIQ(142.0620, 34.1020, 53.7980)

Have a look what the booklet for
YIQ(142.0620, 34.1020, 53.7980)
contains.

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Color

**YIQ(142.0620, 34.1020,
53.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	D062C4
RGB	208, 98, 196
RGB Percent	82%, 38%, 77%
CMY	0.1840, 0.6158, 0.2313
CMYK	0.00, 0.53, 0.06, 0.18
HSL	307°, 54%, 60%
HSV	307°, 53%, 82%
XYZ	40.3645, 26.1348, 55.1507
YIQ	142.0620, 34.1020, 53.7980

Conversions

Conversions Part 2

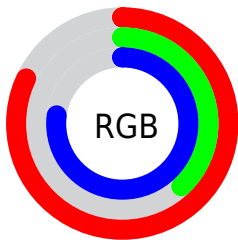
Format	Color
R _{YB}	208, 98, 196
Decimal	13656772
CIE _{Lab}	58.16, 56.15, -31.56
CIE _{LCh}	58, 64.413, 330.666
Yxy	26.1348, 0.3318, 0.2148
Android (android.graphics.Color)	4291846852 (0xFFD062C4)
YUV	142.0620, 26.5914, 57.8276
Hunter-Lab	51.1222, 51.4741, -28.1765

Details

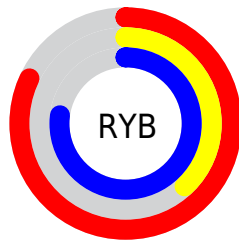
The YIQ color **142.0620, 34.1020, 53.7980** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.9380, -34.1020, -53.7980**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.8980, 28.6920, 52.7240**, and **85.9910, 32.8640, 54.2080** is the 20% darker color. If you saturate the color by 10%, you get **129.5070, 40.5190, 64.1590**, and if you desaturate by 10%, it is **154.6170, 27.6850, 43.4370**.

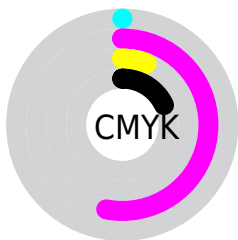
Distribution



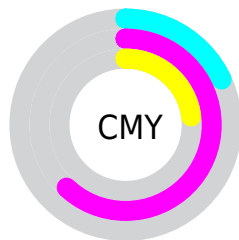
- Red (82%)
- Green (38%)
- Blue (77%)



- Red (82%)
- Yellow (38%)
- Blue (77%)



- Cyan (0%)
- Magenta (53%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.0620, 34.1020, 53.7980 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 142.0620, 34.1020, 53.7980 by changing the saturation by 10% instead.

142.0620, 34.1020,
53.7980

142.0620, 34.1020,
53.7980

255.0000, -0.0000,
-0.0000

114.4640, 32.9100,
53.3740

194.8980, 28.6920,
52.7240

85.9910, 32.8640,
54.2080

211.5620, 20.3500,
38.7020

50.5880, 35.7970,
61.6290

228.5850, 12.3750,
23.5350

39.0780, 28.0050,
48.6530

245.6080, 4.4000,
8.3680

28.5680, 20.2130,
35.6770

18.8840, 12.9710,
23.7470

2.9210, -6.7870,

7.3650

■ 0.0000, 0.0000,
0.0000

■ 142.0620, 34.1020,
53.7980

■ 142.0620, 34.1020,
53.7980

■ 129.5070, 40.5190,
64.1590

■ 154.6170, 27.6850,
43.4370

■ 116.8380, 47.2570,
74.2090

■ 167.2860, 20.9470,
33.3870

■ 104.8700, 53.3990,
84.0470

■ 179.2540, 14.8050,
23.5490

■ 92.3150, 59.8160,
94.4080

■ 191.8090, 8.3880,
13.1880

■ 83.2820, 64.5830,
101.6310

■ 204.3640, 1.9710,
2.8270

■ 217.0330, -4.7670,
-7.2230

■ 229.5880,
-11.1840, -17.5840

■ 236.2730,
-14.8510, -22.7150

■ 236.6150,
-15.8140, -21.7820

Harmonies

Analogous

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



141.3670, -27.3330, 38.3230



142.0620, 34.1020, 53.7980



135.3700, 74.0370, 51.4210

Triad

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



142.0620, 34.1020, 53.7980



130.6400, 60.9860, -36.9820



119.1990, -108.2910, -25.3390

Complementary

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



142.0620, 34.1020, 53.7980



163.9380, -34.1020, -53.7980

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.



113.2880, -90.2690, -43.5890



142.0620, 34.1020, 53.7980



125.5940, 13.9010, -48.2030

Square

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



142.0620, 34.1020, 53.7980



134.8010, 80.7870, -4.8530



104.3280, -70.5510, -59.5350



121.0520, -120.3980, -9.6620

Rectangle

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



142.0620, 34.1020, 53.7980



134.0980, 86.0060, 38.2460



104.3280, -70.5510, -59.5350



117.7340, -102.7880, -31.4600

Sweetspot

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



142.0620, 34.1020, 53.7980



230.4770, 12.5590, 20.1990



113.8290, -28.7540, 36.5420



112.9830, 7.8380, 12.1420



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.



142.0620, 34.1020, 53.7980



157.2670, 50.6030, 79.6510



135.9060, 51.4360, 37.0040



98.3150, 3.6670, 5.1310



67.3320, 51.9780, 82.2660



16.3630, 12.8800, 19.8880

Inverse Universe

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



142.0620, 34.1020, 53.7980



157.2670, 50.6030, 79.6510



170.0940, -51.4360, -37.0040



98.3150, 3.6670, 5.1310



67.3320, 51.9780, 82.2660



16.3630, 12.8800, 19.8880

Previews

White Background



This preview shows how the YIQ color 142.0620, 34.1020, 53.7980 looks on a white background.

Color Contrast Check

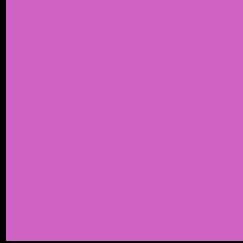
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0620, 34.1020, 53.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

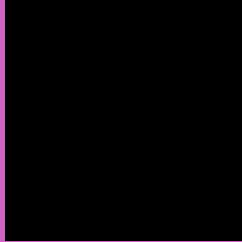
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.0620, 34.1020, 53.7980

Background



This preview shows how black text looks on a background with the YIQ color 142.0620, 34.1020, 53.7980.



This preview shows how white text looks on a background with the YIQ color 142.0620, 34.1020,

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

142.0620, 34.1020, 53.7980

Protanopia

137.6210, -49.2000, 21.6160

Deuteranopia

140.2260, -23.5230, 13.3170



Tritanopia

141.4410, 47.7710, 20.8190

Trichromacy



Original Color

142.0620, 34.1020, 53.7980

Protanomaly

139.3970, -18.8500, 33.2620

Deuteranomaly

140.7330, -2.4810, 28.4550

Tritanomaly

141.7800, 42.8630, 32.6790

Monochromacy



Original Color

142.0620, 34.1020, 53.7980

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.0640, 12.2840, 19.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0620, 34.1020, 53.7980 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(208, 98, 196)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 196)  
}
```

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(208, 98, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 196) }
```

Border

The CSS property to change the border of an element to YIQ 142.0620, 34.1020, 53.7980 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(208, 98, 196) }
```


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

```
.border{ border-color:rgb(208, 98, 196) }
```

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

Here you see how a box with a 4 pixel rgb(208, 98, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 196);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0620, 34.1020, 53.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 196) }
```

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

```
.background{ background-color: rgb(208, 98,  
196) }
```

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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