

Converting Colors

YIQ(183.6670, 74.6920,
-21.0520)

Have a look what the booklet for
YIQ(183.6670, 74.6920, -21.0520)
contains.

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Color

**YIQ(183.6670, 74.6920,
-21.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B141
RGB	242, 177, 65
RGB Percent	95%, 69%, 25%
CMY	0.0509, 0.3060, 0.7447
CMYK	0.00, 0.27, 0.73, 0.05
HSL	38°, 87%, 60%
HSV	38°, 73%, 95%
XYZ	53.2990, 50.6972, 11.9923
YIQ	183.6670, 74.6920, -21.0520

Conversions

Conversions Part 2

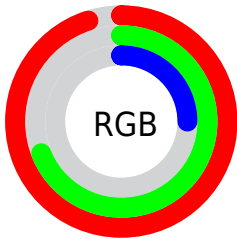
Format	Color
R_{YB}	168, 242, 65
Decimal	15905089
CIE _{Lab}	76.50, 13.63, 63.61
CIE _{LCh}	76, 65.050, 77.905
Yxy	50.6972, 0.4595, 0.4371
Android (android.graphics.Color)	4294095169 (0xFFFF2B141)
YUV	183.6670, -58.5028, 51.1580
Hunter-Lab	71.2020, 9.0147, 39.8554

Details

The YIQ color **183.6670, 74.6920, -21.0520** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **123.3330, -74.6920, 21.0520**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9950, 49.9810, -30.2670**, and **127.4940, 73.5010, -27.0030** is the 20% darker color. If you saturate the color by 10%, you get **175.6480, 84.8710, -23.8090**, and if you desaturate by 10%, it is **191.6860, 64.5130, -18.2950**.

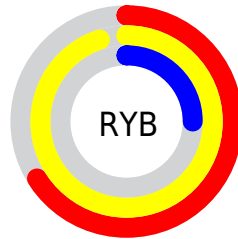
Distribution



Red (95%)

Green (69%)

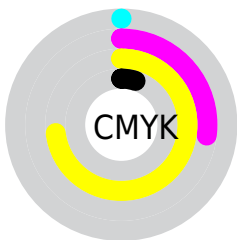
Blue (25%)



Red (66%)

Yellow (95%)

Blue (25%)

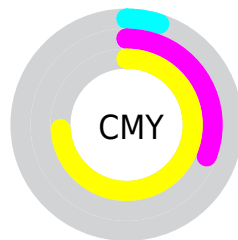


Cyan (0%)

Magenta (27%)

Yellow (73%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.6670, 74.6920, -21.0520 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 183.6670, 74.6920, -21.0520 by changing the saturation by 10% instead.

183.6670, 74.6920,
-21.0520

183.6670, 74.6920,
-21.0520

255.0000, -0.0000,
-0.0000

155.2430, 72.9500,
-22.5220

225.9950, 49.9810,
-30.2670

127.4940, 73.5010,
-27.0030

242.6880, 34.6680,
-33.5880

104.1480, 63.0920,
-20.0760

245.7660, 26.0010,
-25.1910

81.3890, 52.4080,
-13.6720

249.0720, 16.6920,
-16.1720

59.2170, 41.4490,
-7.7910

252.3780, 7.3830,
-7.1530

38.8170, 31.1320,
-2.5320

19.3030, 21.1360,

2.4160

■ 0.0000, 0.0000,
0.0000

■ 183.6670, 74.6920,
-21.0520

■ 183.6670, 74.6920,
-21.0520

■ 175.6480, 84.8710,
-23.8090

■ 191.6860, 64.5130,
-18.2950

■ 167.6290, 95.0500,
-26.5660

■ 199.8190, 54.0130,
-15.2270

■ 162.1690,
102.1570, -28.7150

■ 207.8380, 43.8340,
-12.4700

■ 215.8570, 33.6550,
-9.7130

■ 223.2890, 23.7510,
-6.4330

231.3080, 13.5720,
-3.6760

239.4410, 3.0720,
-0.6080

247.0040, -5.8230,
0.9050

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



178.1570, 77.2090, 4.9290



183.6670, 74.6920, -21.0520



178.9620, 36.4120, -43.1720

Triad

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



183.6670, 74.6920, -21.0520



153.5020, -131.8540, -44.3500



192.9780, 16.5430, 47.1270

Complementary

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



183.6670, 74.6920, -21.0520



123.3330, -74.6920, 21.0520

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.



180.4440, -44.5680, 14.7600



183.6670, 74.6920, -21.0520



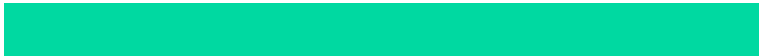
154.6880, -140.7050, -32.6170

Square

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



183.6670, 74.6920, -21.0520



145.7330, -111.3560, -63.4200



147.6440, -137.4050, -26.3410



181.8750, 44.6940, 49.0620

Rectangle

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



183.6670, 74.6920, -21.0520



173.4120, -0.2660, -50.2660



147.6440, -137.4050, -26.3410



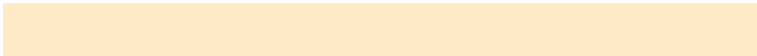
190.1990, -0.5570, 37.6430

Sweetspot

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



183.6670, 74.6920, -21.0520



236.2890, 23.7510, -6.4330



125.6750, 83.6640, 58.6720



116.4930, 14.4890, -3.7750



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.



183.6670, 74.6920, -21.0520



181.3300, 94.4540, -26.7780



215.5430, 44.3010, -59.4990



115.6970, 5.2270, -1.1170



123.1080, 77.7640, -21.6600



37.2890, 23.7510, -6.4330

Inverse Universe

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



123.3330, -74.6920, 21.0520



104.6700, -94.4540, 26.7780



91.4570, -44.3010, 59.4990



111.7160, -4.9520, 1.6400



60.3050, -77.4890, 22.1830



18.7110, -23.7510, 6.4330

Previews

White Background



This preview shows how the YIQ color 183.6670, 74.6920, -21.0520 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 183.6670, 74.6920, -21.0520 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 ✓ Pass

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

YIQ 183.6670, 74.6920, -21.0520

Background



This preview shows how black text looks on a background with the YIQ color 183.6670, 74.6920, -21.0520.



This preview shows how white text looks on a background with the YIQ color 183.6670, 74.6920, -21.0520.

-21.0520.

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

183.6670, 74.6920, -21.0520

Protanopia

181.7840, 51.9530, -32.9670

Deuteranopia

183.5200, 70.6120, -24.2040



Tritanopia

192.1850, 45.6160, 21.3280

Trichromacy



Original Color

183.6670, 74.6920, -21.0520

Protanomaly

182.6110, 59.9300, -28.8540

Deuteranomaly

183.5310, 72.0790, -23.2570

Tritanomaly

188.9620, 55.8890, 5.8490

Monochromacy



Original Color

183.6670, 74.6920, -21.0520

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.6160, 27.1440, -7.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.6670, 74.6920, -21.0520 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(242, 177, 65)` looks like.

```
.text, #text, p{  
    color:rgb(242, 177, 65)  
}
```

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(242, 177, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 65) }
```

Border

The CSS property to change the border of an element to YIQ 183.6670, 74.6920, -21.0520 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(242, 177, 65) }
```


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

```
.border{ border-color:rgb(242, 177, 65) }
```

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

Here you see how a box with a 4 pixel rgb(242, 177, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 177, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 177, 65);  
box-shadow:4px 4px 4px 4px rgb(242, 177,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 183.6670, 74.6920, -21.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 177, 65) }
```

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

```
.background{ background-color: rgb(242,  
177, 65) }
```

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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