

Converting Colors

YIQ(167.7270, 21.7370,
-25.0070)

Have a look what the booklet for
YIQ(167.7270, 21.7370, -25.0070)
contains.

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Color

**YIQ(167.7270, 21.7370,
-25.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB265
RGB	173, 178, 101
RGB Percent	68%, 70%, 40%
CMY	0.3216, 0.3019, 0.6038
CMYK	0.03, 0.00, 0.43, 0.30
HSL	64°, 33%, 55%
HSV	64°, 43%, 70%
XYZ	35.5018, 41.6644, 18.4924
YIQ	167.7270, 21.7370, -25.0070

Conversions

Conversions Part 2

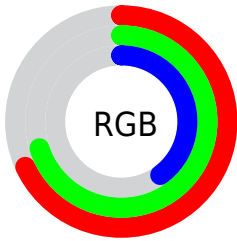
Format	Color
RYB	101, 178, 106
Decimal	11383397
CIELab	70.64, -13.36, 38.62
CIELCh	71, 40.864, 109.078
Yxy	41.6644, 0.3711, 0.4356
Android (android.graphics.Color)	4289573477 (0xFFADB265)
YUV	167.7270, -32.8964, 4.6244
Hunter-Lab	64.5479, -14.7828, 28.1975

Details

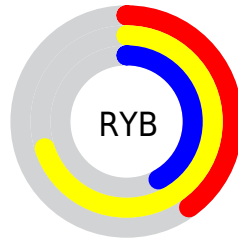
The YIQ color **167.7270, 21.7370, -25.0070** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **111.2730, -21.7370, 25.0070**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.5700, 23.6170, -26.0390**, and **114.8840, 19.8570, -23.9750** is the 20% darker color. If you saturate the color by 10%, you get **165.3760, 26.9190, -30.8170**, and if you desaturate by 10%, it is **170.0780, 16.5550, -19.1970**.

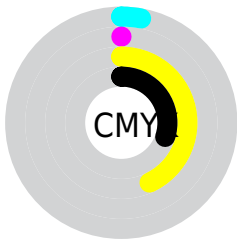
Distribution



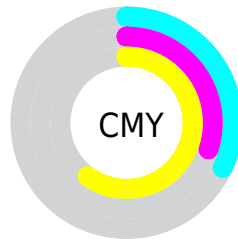
- Red (68%)
- Green (70%)
- Blue (40%)



- Red (40%)
- Yellow (70%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (43%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.7270, 21.7370, -25.0070 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 167.7270, 21.7370, -25.0070 by changing the saturation by 10% instead.

■ 167.7270, 21.7370,
-25.0070

■ 167.7270, 21.7370,
-25.0070

■ 255.0000, -0.0000,
-0.0000

■ 140.9550, 21.0950,
-24.3850

■ 223.5700, 23.6170,
-26.0390

■ 114.8840, 19.8570,
-23.9750

■ 246.5640, 23.7540,
-23.0140

■ 90.1720, 18.9860,
-24.7100

■ 249.6420, 15.0870,
-14.6170

■ 65.5310, 19.3530,
-25.8550

■ 252.9480, 5.7780,
-5.5980

■ 45.1530, 11.9700,
-18.7020

■ 25.3510, 2.8450,
-13.0190

■ 2.3480, -1.1000,

-2.0920

■ 0.0000, 0.0000,
0.0000

■ 167.7270, 21.7370,
-25.0070

■ 167.7270, 21.7370,
-25.0070

■ 165.3760, 26.9190,
-30.8170

■ 170.0780, 16.5550,
-19.1970

■ 163.0250, 32.1010,
-36.6270

■ 172.4290, 11.3730,
-13.3870

■ 160.7880, 36.9620,
-42.1260

■ 174.6660, 6.5120,
-7.8880

■ 158.1380, 41.5480,
-48.1480

■ 177.3160, 1.9260,
-1.8660

■ 155.7870, 46.7300,
-53.9580

■ 179.6670, -3.2560,
3.9440

■ 154.1200, 49.9860,
-57.9020

■ 182.0180, -8.4380,
9.7540

■ 184.3690,
-13.6200, 15.5640

■ 186.6060,
-18.4810, 21.0630

■ 188.2730,
-21.7370, 25.0070

Harmonies

Analogous

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



171.2190, 47.1350, -11.7210



167.7270, 21.7370, -25.0070



162.6610, -13.4280, -31.9880

Triad

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



167.7270, 21.7370, -25.0070



136.9350, -125.1630, -27.9390



177.1110, 40.4330, 32.6650

Complementary

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



167.7270, 21.7370, -25.0070



111.2730, -21.7370, 25.0070

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.



177.8870, 8.8890, 31.6490



167.7270, 21.7370, -25.0070



161.0870, -74.7800, 0.6120

Square

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



167.7270, 21.7370, -25.0070



135.0480, -115.7160, -39.4600



172.9620, -31.2270, 20.7810



174.8830, 58.2700, 23.2780

Rectangle

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



167.7270, 21.7370, -25.0070



157.3620, -40.3870, -33.4990



172.9620, -31.2270, 20.7810



177.2610, 31.2630, 33.6550

Sweetspot

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



167.7270, 21.7370, -25.0070



227.9820, 8.4380, -9.7540



126.3710, 44.7920, 14.2320



114.6490, 5.1820, -5.8100



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



167.7270, 21.7370, -25.0070



215.8140, 34.0730, -39.3270



156.6640, -0.3150, -32.8510



87.9740, 2.8890, -2.7990



132.5680, 43.1530, -49.7030



22.4380, 7.1540, -8.5100

Inverse Universe

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



111.2730, -21.7370, 25.0070



127.1860, -34.0730, 39.3270



122.3360, 0.3150, 32.8510



81.3250, -2.2930, 3.0110



20.4320, -43.1530, 49.7030



3.5620, -7.1540, 8.5100

Previews

White Background



This preview shows how the YIQ color 167.7270, 21.7370, -25.0070 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 167.7270, 21.7370, -25.0070 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

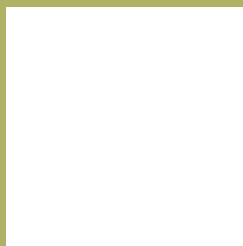
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 167.7270, 21.7370, -25.0070

Background



This preview shows how black text looks on a background with the YIQ color 167.7270, 21.7370, -25.0070.



This preview shows how white text looks on a background with the YIQ color 167.7270, 21.7370,

-25.0070.

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

167.7270, 21.7370, -25.0070

Protanopia

169.3480, 33.2900, -19.6220

Deuteranopia

171.2020, 45.8050, -9.6430



Tritanopia

174.3690, 3.5750, 6.7990

Trichromacy



Original Color

167.7270, 21.7370, -25.0070

Protanomaly

168.8420, 28.8430, -21.6290

Deuteranomaly

170.1360, 37.0030, -15.3250

Tritanomaly

171.9270, 10.2710, -4.4250

Monochromacy



Original Color

167.7270, 21.7370, -25.0070

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.2100, 7.7960, -9.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.7270, 21.7370, -25.0070 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(173, 178, 101)` looks like.

```
.text, #text, p{  
    color:rgb(173, 178, 101)  
}
```

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(173, 178, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 178, 101) }
```

Border

The CSS property to change the border of an element to YIQ 167.7270, 21.7370, -25.0070 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(173, 178, 101) }
```


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

```
.border{ border-color:rgb(173, 178, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 178, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 178, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 178, 101);  
box-shadow:4px 4px 4px 4px rgb(173, 178,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 167.7270, 21.7370, -25.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 178, 101) }
```

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

```
.background{ background-color: rgb(173,  
178, 101) }
```

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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