

Converting Colors

YIQ(200.5370, -7.1470,
-30.1790)

Have a look what the booklet for
YIQ(200.5370, -7.1470, -30.1790)
contains.

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Color

**YIQ(200.5370, -7.1470,
-30.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	AFDE9D
RGB	175, 222, 157
RGB Percent	69%, 87%, 62%
CMY	0.3139, 0.1293, 0.3843
CMYK	0.21, 0.00, 0.29, 0.13
HSL	103°, 50%, 74%
HSV	103°, 29%, 87%
XYZ	49.8832, 63.7969, 41.5857
YIQ	200.5370, -7.1470, -30.1790

Conversions

Conversions Part 2

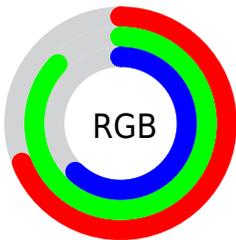
Format	Color
RYB	157, 222, 204
Decimal	11525789
CIELab	83.86, -27.12, 27.06
CIELCh	84, 38.313, 135.057
Yxy	63.7969, 0.3213, 0.4109
Android (android.graphics.Color)	4289715869 (0xFFAFDE9D)
YUV	200.5370, -21.4637, -22.3959
Hunter-Lab	79.8730, -28.2987, 25.0419

Details

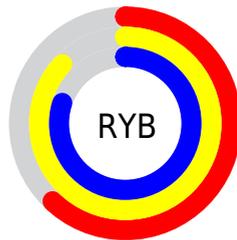
The YIQ color $200.5370, -7.1470, -30.1790$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $178.4630, 7.1470, 30.1790$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.9220, -0.5010, -18.4610$, and $146.1780, -7.5140, -29.0340$ is the 20% darker color. If you saturate the color by 10%, you get $193.2450, -9.6210, -40.4130$, and if you desaturate by 10%, it is $207.8290, -4.6730, -19.9450$.

Distribution



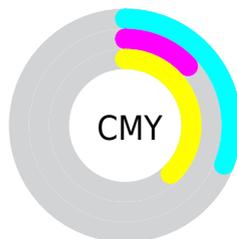
- Red (69%)
- Green (87%)
- Blue (62%)



- Red (62%)
- Yellow (87%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)



- Cyan (31%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.5370, -7.1470, -30.1790 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 200.5370, -7.1470, -30.1790 by changing the saturation by 10% instead.

■ 200.5370, -7.1470,
-30.1790

■ 200.5370, -7.1470,
-30.1790

■ 255.0000, -0.0000,
-0.0000

■ 173.0640, -7.1930,
-29.3450

■ 242.9220, -0.5010,
-18.4610

■ 146.1780, -7.5140,
-29.0340

■ 253.2900, 4.8150,
-4.6650

■ 120.1180, -7.2850,
-27.6770

■ 94.6450, -7.3310,
-26.8430

■ 70.4600, -8.2480,
-26.7440

■ 46.2750, -9.1650,
-26.6450

■ 25.2410, -11.8250,

-22.4890

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 200.5370, -7.1470,
-30.1790

■ 200.5370, -7.1470,
-30.1790

■ 193.2450, -9.6210,
-40.4130

■ 207.8290, -4.6730,
-19.9450

■ 185.9530,
-12.0950, -50.6470

■ 215.1210, -2.1990,
-9.7110

■ 178.5470,
-14.2480, -61.1920

■ 222.5270, -0.0460,
0.8340

■ 171.2550,
-16.7220, -71.4260

■ 229.8190, 2.4280,
11.0680

■ 163.9630,
-19.1960, -81.6600

■ 235.6290, 9.0750,
17.2590

■ 156.6710,
-21.6700, -91.8940

■ 149.0800,
-24.7400, -102.3400

■ 148.5530,
-24.6940, -103.1740

Harmonies

Analogous

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



205.4610, 25.5420, -22.3780



200.5370, -7.1470, -30.1790



194.8500, -44.6970, -32.4810

Triad

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



200.5370, -7.1470, -30.1790



196.5040, -63.1330, -6.7250



204.9670, 40.2980, 18.5860

Complementary

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



200.5370, -7.1470, -30.1790



178.4630, 7.1470, 30.1790

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.



210.3590, 27.8710, 29.0470



200.5370, -7.1470, -30.1790



206.2040, -26.4570, 11.4230

Square

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



200.5370, -7.1470, -30.1790



188.3430, -90.9610, -20.0250



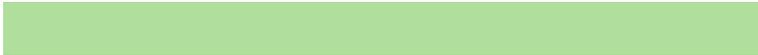
213.2240, 6.3220, 28.6100



205.4280, 48.6450, 4.9730

Rectangle

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



200.5370, -7.1470, -30.1790



189.9150, -69.6850, -31.1650



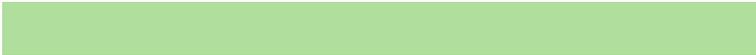
213.2240, 6.3220, 28.6100



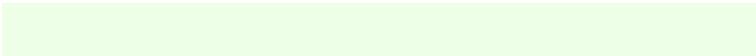
206.3350, 36.4460, 22.3180

Sweetspot

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



200.5370, -7.1470, -30.1790



247.2950, -2.7490, -10.7570



204.0240, 25.8150, -10.8010



123.0010, -1.7410, -6.9970



0.0000, 0.0000, 0.0000



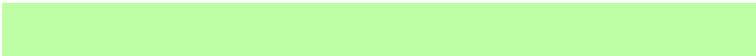
128.0000, -0.0000, -0.0000

Same Dimension

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



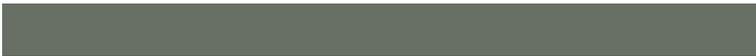
200.5370, -7.1470, -30.1790



225.4190, -10.1710, -41.4590



196.7510, -22.3690, -29.6410



108.3540, -1.2370, -5.1170



117.9630, -19.1960, -81.6600



32.0630, -5.4520, -22.3480

Inverse Universe

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



178.4630, 7.1470, 30.1790



195.2820, 9.5750, 41.2470



182.2490, 22.3690, 29.6410



104.6460, 1.2370, 5.1170



58.0370, 19.1960, 81.6600



15.9370, 5.4520, 22.3480

Previews

White Background



This preview shows how the YIQ color 200.5370, -7.1470, -30.1790 looks on a white background.

Color Contrast Check

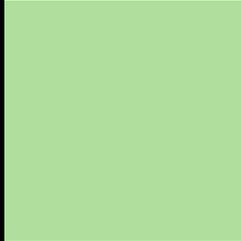
Large Text (above 18pt) WCAG AA × Fail

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 200.5370, -7.1470, -30.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

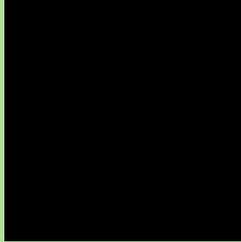
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

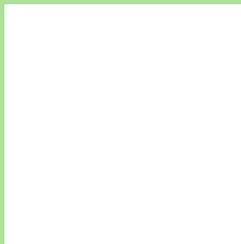
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.5370, -7.1470, -30.1790

Background



This preview shows how black text looks on a background with the YIQ color 200.5370, -7.1470, -30.1790.



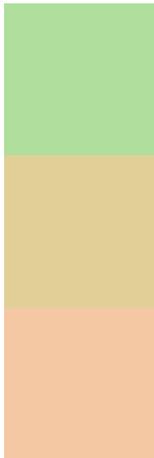
This preview shows how white text looks on a background with the YIQ color 200.5370, -7.1470, -30.1790.

-30.1790.

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

200.5370, -7.1470, -30.1790

Protanopia

206.2860, 27.8330, -14.3350

Deuteranopia

208.8240, 38.4220, -2.4900



Tritanopia

207.1640, -20.9530, -0.2250

Trichromacy



Original Color

200.5370, -7.1470, -30.1790

Protanomaly

204.0670, 15.0880, -20.1440

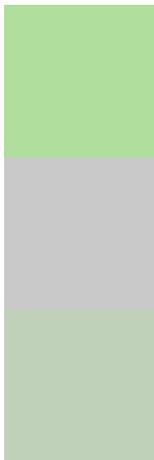
Deuteranomaly

205.8170, 21.9640, -12.5960

Tritanomaly

204.6510, -15.4950, -11.0390

Monochromacy



Original Color

200.5370, -7.1470, -30.1790

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1810, -2.4280, -11.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5370, -7.1470, -30.1790 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(175, 222, 157)` looks like.

```
.text, #text, p{  
    color:rgb(175, 222, 157)  
}
```

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(175, 222, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 222, 157) }
```

Border

The CSS property to change the border of an element to YIQ 200.5370, -7.1470, -30.1790 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(175, 222, 157) }
```


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

```
.border{ border-color:rgb(175, 222, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 222, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 222, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 222, 157); box-shadow:4px 4px 4px 4px rgb(175, 222, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5370, -7.1470, -30.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 222, 157) }
```

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

```
.background{ background-color: rgb(175,  
222, 157) }
```

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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