

Converting Colors

YIQ(201.3030, -6.3680,
-27.7760)

Have a look what the booklet for
YIQ(201.3030, -6.3680, -27.7760)
contains.

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Color

**YIQ(201.3030, -6.3680,
-27.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DDA1
RGB	178, 221, 161
RGB Percent	70%, 87%, 63%
CMY	0.3021, 0.1332, 0.3686
CMYK	0.19, 0.00, 0.27, 0.13
HSL	103°, 47%, 75%
HSV	103°, 27%, 87%
XYZ	50.6466, 63.7565, 43.3576
YIQ	201.3030, -6.3680, -27.7760

Conversions

Conversions Part 2

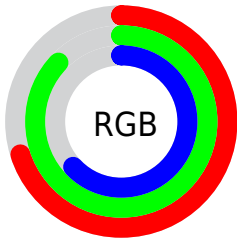
Format	Color
RYB	161, 221, 204
Decimal	11722145
CIELab	83.84, -24.98, 25.00
CIELCh	84, 35.338, 134.982
Yxy	63.7565, 0.3210, 0.4041
Android (android.graphics.Color)	4289912225 (0xFFB2DDA1)
YUV	201.3030, -19.8694, -20.4367
Hunter-Lab	79.8477, -26.5126, 23.6987

Details

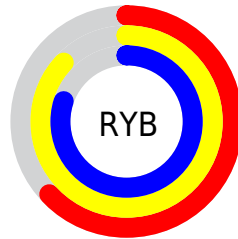
The YIQ color $201.3030, -6.3680, -27.7760$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $180.6970, 6.3680, 27.7760$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2750, 0.0030, -16.5810$, and $146.9440, -6.7350, -26.6310$ is the 20% darker color. If you saturate the color by 10%, you get $194.0110, -8.8420, -38.0100$, and if you desaturate by 10%, it is $208.5950, -3.8940, -17.5420$.

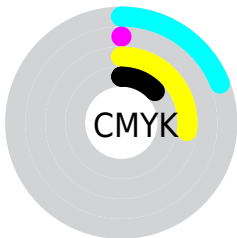
Distribution



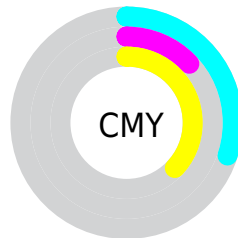
- Red (70%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (80%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)



- Cyan (30%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3030, -6.3680, -27.7760 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 201.3030, -6.3680, -27.7760 by changing the saturation by 10% instead.

■ 201.3030, -6.3680,
-27.7760

■ 201.3030, -6.3680,
-27.7760

■ 255.0000, -0.0000,
-0.0000

■ 173.8300, -6.4140,
-26.9420

■ 244.2750, 0.0030,
-16.5810

■ 146.9440, -6.7350,
-26.6310

■ 253.8600, 3.2100,
-3.1100

■ 120.7700, -6.1850,
-25.5850

■ 95.9980, -6.8270,
-24.9630

■ 71.5250, -6.8730,
-24.1290

■ 47.4540, -8.1110,
-23.7190

■ 26.4370, -9.4410,

-21.6410

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 201.3030, -6.3680,
-27.7760

■ 201.3030, -6.3680,
-27.7760

■ 194.0110, -8.8420,
-38.0100

■ 208.5950, -3.8940,
-17.5420

■ 186.7190,
-11.3160, -48.2440

■ 215.8870, -1.4200,
-7.3080

■ 179.4270,
-13.7900, -58.4780

■ 223.1790, 1.0540,
2.9260

■ 172.4340,
-15.6680, -68.5000

■ 230.1720, 2.9320,
12.9480

■ 165.0280,
-17.8210, -79.0450

■ 235.0420, 9.3500,
17.7820

■ 157.7360,
-20.2950, -89.2790

■ 150.4440,
-22.7690, -99.5130

■ 148.2650,
-23.8230, -102.4390

Harmonies

Analogous

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



205.1450, 23.6160, -20.5120



201.3030, -6.3680, -27.7760



195.9970, -40.6170, -29.3290

Triad

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



201.3030, -6.3680, -27.7760



198.6080, -57.4940, -4.2940



206.2550, 39.4270, 17.8510

Complementary

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



201.3030, -6.3680, -27.7760



180.6970, 6.3680, 27.7760

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.



211.3050, 27.9630, 27.3790



201.3030, -6.3680, -27.7760



206.8020, -25.2650, 11.8470

Square

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



201.3030, -6.3680, -27.7760



191.9530, -80.8750, -15.5870



213.5010, 3.9840, 26.9280



206.9440, 47.1320, 4.8600

Rectangle

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



201.3030, -6.3680, -27.7760



192.3290, -61.9830, -27.5750



213.5010, 3.9840, 26.9280



207.6230, 35.5750, 21.5830

Sweetspot

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



201.3030, -6.3680, -27.7760



248.2350, -2.5200, -9.4000



204.1810, 23.9350, -9.7690



123.5280, -1.7870, -6.1630



0.0000, 0.0000, 0.0000



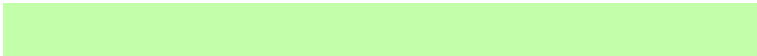
128.0000, -0.0000, -0.0000

Same Dimension

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



201.3030, -6.3680, -27.7760



227.4840, -8.7960, -38.8440



197.7020, -20.6730, -27.3370



106.3540, -1.2370, -5.1170



116.2020, -18.3710, -80.0910



30.8890, -4.9020, -21.3020

Inverse Universe

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



180.6970, 6.3680, 27.7760



198.5160, 8.7960, 38.8440



184.2980, 20.6730, 27.3370



102.6460, 1.2370, 5.1170



56.7980, 18.3710, 80.0910



15.1110, 4.9020, 21.3020

Previews

White Background



This preview shows how the YIQ color 201.3030, -6.3680, -27.7760 looks on a white background.

Color Contrast Check

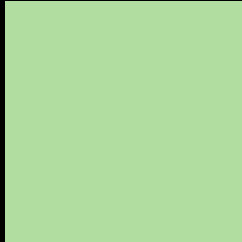
Large Text (above 18pt) WCAG AA × Fail

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 201.3030, -6.3680, -27.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

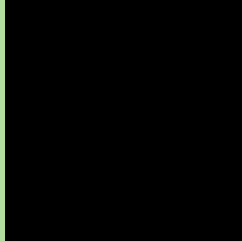
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.3030, -6.3680, -27.7760

Background



This preview shows how black text looks on a background with the YIQ color 201.3030, -6.3680, -27.7760.



This preview shows how white text looks on a background with the YIQ color 201.3030, -6.3680,

-27.7760.

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
Protanopia
Deuteranopia

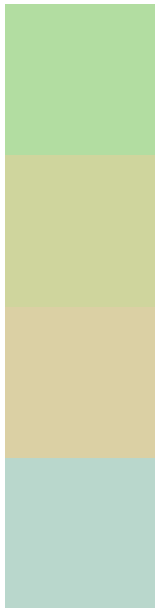
201.3030, -6.3680, -27.7760
206.4430, 25.9530, -13.3030
208.8670, 36.8630, -1.7690



Tritanopia

207.0610, -19.1650, 0.4110

Trichromacy



Original Color

201.3030, -6.3680, -27.7760

Protanomaly

204.8220, 14.4000, -18.6880

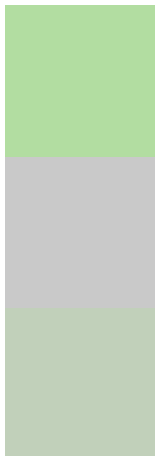
Deuteranomaly

206.2730, 20.6800, -11.3520

Tritanomaly

204.7760, -14.3490, -9.7810

Monochromacy



Original Color

201.3030, -6.3680, -27.7760

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.0070, -1.8780, -10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3030, -6.3680, -27.7760 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(178, 221, 161)` looks like.

```
.text, #text, p{  
    color:rgb(178, 221, 161)  
}
```

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(178, 221, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 221, 161) }
```

Border

The CSS property to change the border of an element to YIQ 201.3030, -6.3680, -27.7760 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(178, 221, 161) }
```


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

```
.border{ border-color:rgb(178, 221, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 221, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 221, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 221, 161);  
box-shadow:4px 4px 4px 4px rgb(178, 221,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3030, -6.3680, -27.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 221, 161) }
```

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

```
.background{ background-color: rgb(178,  
221, 161) }
```

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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