

Converting Colors

YIQ(201.6180, 50.0250,
-20.0470)

Have a look what the booklet for
YIQ(201.6180, 50.0250, -20.0470)
contains.

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Color

**YIQ(201.6180, 50.0250,
-20.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC970
RGB	237, 201, 112
RGB Percent	93%, 79%, 44%
CMY	0.0706, 0.2118, 0.5605
CMYK	0.00, 0.15, 0.53, 0.07
HSL	43°, 78%, 68%
HSV	43°, 53%, 93%
XYZ	58.7391, 60.9433, 24.0165
YIQ	201.6180, 50.0250, -20.0470

Conversions

Conversions Part 2

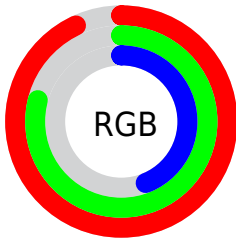
Format	Color
R _Y B	163, 237, 112
Decimal	15583600
CIE Lab	82.35, 1.98, 48.73
CIE LCh	82, 48.765, 87.676
Yxy	60.9433, 0.4088, 0.4241
Android (android.graphics.Color)	4293773680 (0xFFEDC970)
YUV	201.6180, -44.1817, 31.0300
Hunter-Lab	78.0662, -2.3077, 36.4062

Details

The YIQ color $201.6180, 50.0250, -20.0470$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $147.3820, -50.0250, 20.0470$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8540, 28.5690, -27.6790$, and $146.7640, 46.6780, -19.9620$ is the 20% darker color. If you saturate the color by 10%, you get $194.7730, 59.6540, -23.8500$, and if you desaturate by 10%, it is $208.4630, 40.3960, -16.2440$.

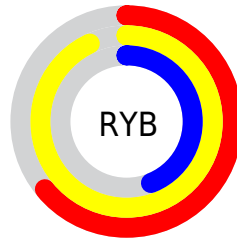
Distribution



Red (93%)

Green (79%)

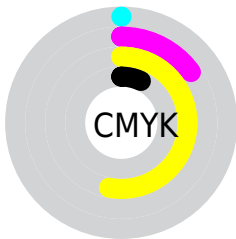
Blue (44%)



Red (64%)

Yellow (93%)

Blue (44%)

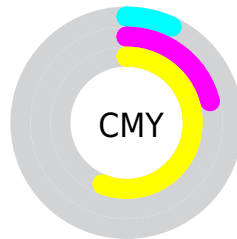


Cyan (0%)

Magenta (15%)

Yellow (53%)

Black (7%)



Cyan (7%)


Magenta (21%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.6180, 50.0250, -20.0470 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 201.6180, 50.0250, -20.0470 by changing the saturation by 10% instead.

 201.6180, 50.0250,
-20.0470


 201.6180, 50.0250,
-20.0470


255.0000, -0.0000,
-0.0000


 174.1340, 48.5120,
-20.1600

 244.8540, 28.5690,
-27.6790

 146.7640, 46.6780,
-19.9620


 247.9320, 19.9020,
-19.2820


 120.4540, 44.6150,
-21.1210

 251.2380, 10.5930,
-10.2630

 93.7590, 45.0740,
-23.9340

 254.5440, 1.2840,
-1.2440

 71.2560, 36.5450,
-18.0390

 50.5680, 27.0990,
-12.0450

 30.7660, 17.9740,

-6.3620

■ 9.1920, 8.2070,
-0.0570

■ 0.0000, 0.0000,
0.0000

■ 201.6180, 50.0250,
-20.0470

■ 201.6180, 50.0250,
-20.0470

■ 194.7730, 59.6540,
-23.8500

■ 208.4630, 40.3960,
-16.2440

■ 188.0420, 68.9620,
-27.3420

■ 215.1940, 31.0880,
-12.7520

■ 181.1970, 78.5910,
-31.1450

■ 221.4520, 21.7340,
-8.4260

■ 174.9390, 87.9450,
-35.4710

■ 228.2970, 12.1050,
-4.6230

■ 170.0660, 94.7770,
-38.1430

■ 235.1420, 2.4760,
-0.8200

■ 241.8730, -6.8320,
2.6720

■ 246.0960, -9.0780,
-0.6780

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



199.5460, 59.6960, -2.5760



201.6180, 50.0250, -20.0470



197.2220, 15.5490, -34.0110

Triad

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



201.6180, 50.0250, -20.0470



161.8800, -141.6660, -42.7380



209.8010, 21.1750, 40.2710

Complementary

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



201.6180, 50.0250, -20.0470



147.3820, -50.0250, 20.0470

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.



203.9440, -13.6210, 21.0910



201.6180, 50.0250, -20.0470



159.3840, -142.9050, -36.8010

Square

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



201.6180, 50.0250, -20.0470



175.1630, -91.4150, -44.8470



190.6010, -64.7840, -4.3360



198.8010, 38.3700, 31.5060

Rectangle

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



201.6180, 50.0250, -20.0470



192.7330, -13.9310, -39.3950



190.6010, -64.7840, -4.3360



209.1480, 12.6480, 35.1120

Sweetspot

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



201.6180, 50.0250, -20.0470



243.2820, 16.4610, -6.4750



153.7070, 62.3020, 38.3180



121.0410, 9.9500, -4.1140



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.



201.6180, 50.0250, -20.0470



209.6440, 64.3310, -26.0130



215.2750, 25.2250, -44.1750



113.9850, 4.3560, -1.8520



129.8420, 72.4010, -29.0950



38.4520, 21.7340, -8.4260

Inverse Universe

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



147.3820, -50.0250, 20.0470



139.9430, -64.6060, 25.4900



133.7250, -25.2250, 44.1750



109.0150, -4.3560, 1.8520



51.1580, -72.4010, 29.0950



14.9610, -21.4590, 8.9490

Previews

White Background



This preview shows how the YIQ color 201.6180, 50.0250, -20.0470 looks on a white background.

Color Contrast Check

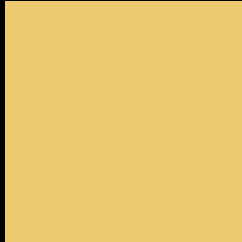
Large Text (above 18pt) WCAG AA × Fail

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 201.6180, 50.0250, -20.0470 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 201.6180, 50.0250, -20.0470

Background



This preview shows how black text looks on a background with the YIQ color 201.6180, 50.0250, -20.0470.



This preview shows how white text looks on a background with the YIQ color 201.6180, 50.0250, -20.0470.

-20.0470.

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

201.6180, 50.0250, -20.0470

Protanopia

200.6060, 41.1310, -24.0610

Deuteranopia

202.0970, 59.1020, -13.8420



Tritanopia

208.4540, 28.5610, 16.5370

Trichromacy



Original Color

201.6180, 50.0250, -20.0470

Protanomaly

201.1010, 44.1110, -23.0010

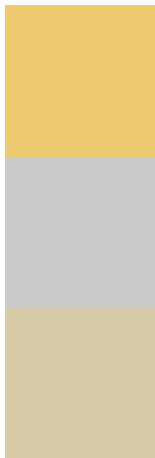
Deuteranomaly

201.7760, 55.5720, -15.9480

Tritanomaly

206.0290, 36.5870, 3.2350

Monochromacy



Original Color

201.6180, 50.0250, -20.0470

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.1250, 18.3410, -7.5070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6180, 50.0250, -20.0470 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(237, 201, 112)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 112)  
}
```

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(237, 201, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 112) }
```

Border

The CSS property to change the border of an element to YIQ 201.6180, 50.0250, -20.0470 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(237, 201, 112) }
```


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

```
.border{ border-color:rgb(237, 201, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 201, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 201, 112); box-shadow:4px 4px 4px 4px rgb(237, 201, 112) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6180, 50.0250, -20.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 112) }
```

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

```
.background{ background-color: rgb(237,  
201, 112) }
```

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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