

Converting Colors

YIQ(213.8660, 3.0730, -6.1350)

Have a look what the booklet for
YIQ(213.8660, 3.0730, -6.1350)
contains.

YIQ(213.8660, 3.0730, -6.1350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.8660, 3.0730,
-6.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D9C8
RGB	213, 217, 200
RGB Percent	84%, 85%, 78%
CMY	0.1647, 0.1490, 0.2157
CMYK	0.02, 0.00, 0.08, 0.15
HSL	74°, 18%, 82%
HSV	74°, 8%, 85%
XYZ	62.6784, 67.9424, 64.4582
YIQ	213.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

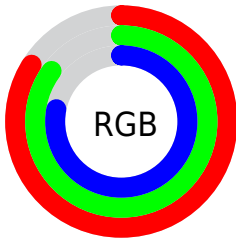
Format	Color
RYB	200, 217, 204
Decimal	14014920
CIELab	85.98, -4.35, 7.89
CIELCh	86, 9.011, 118.873
Yxy	67.9424, 0.3213, 0.3483
Android (android.graphics.Color)	4292205000 (0xFFD5D9C8)
YUV	213.8660, -6.8359, -0.7595
Hunter-Lab	82.4272, -8.5143, 11.3341

Details

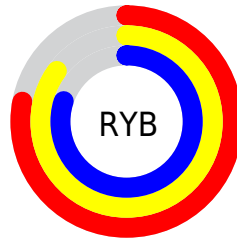
The YIQ color **213.8660, 3.0730, -6.1350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203.1340, -3.0730, 6.1350**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **158.9800, 2.7520, -5.8240** is the 20% darker color. If you saturate the color by 10%, you get **209.8630, 7.1550, -14.0370**, and if you desaturate by 10%, it is **217.8690, -1.0090, 1.7670**.

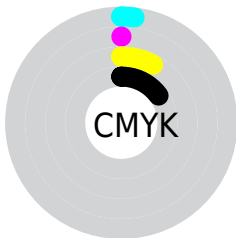
Distribution



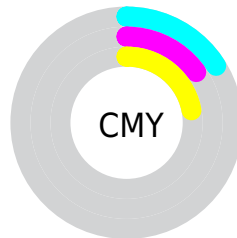
- Red (84%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.8660, 3.0730, -6.1350 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 213.8660, 3.0730, -6.1350 by changing the saturation by 10% instead.

■ 213.8660, 3.0730,
-6.1350

■ 213.8660, 3.0730,
-6.1350

255.0000, -0.0000,
-0.0000

■ 185.9800, 2.7520,
-5.8240

■ 158.9800, 2.7520,
-5.8240

■ 132.9800, 2.7520,
-5.8240

■ 108.0940, 2.4310,
-5.5130

■ 83.5070, 2.7060,
-4.9900

■ 60.5070, 2.7060,
-4.9900

■ 38.6210, 2.3850,

-4.6790

■ 17.9370, 4.3110,
-6.5450

■ 0.0000, 0.0000,
0.0000

■ 213.8660, 3.0730,
-6.1350

■ 213.8660, 3.0730,
-6.1350

■ 209.8630, 7.1550,
-14.0370

■ 217.8690, -1.0090,
1.7670

■ 205.9740, 10.9160,
-21.6280

■ 221.7580, -4.7700,
9.3580

■ 201.9710, 14.9980,
-29.5300

■ 224.6210, -5.6420,
14.1500

■ 197.9680, 19.0800,
-37.4320

■ 226.1160, -2.6620,
15.2100

■ 193.7800, 22.2450,
-45.2350

■ 227.9100, 0.9140,
16.4820

■ 189.7770, 26.3270,
-53.1370

■ 229.4050, 3.8940,
17.5420

■ 185.7740, 30.4090,
-61.0390

■ 230.9000, 6.8740,
18.6020

■ 181.7710, 34.4910,
-68.9410

■ 232.3950, 9.8540,
19.6620

■ 177.8820, 38.2520,
-76.5320

■ 232.6940, 10.4500,
19.8740

Harmonies

Analogous

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



214.8670, 10.5000, -3.0680



213.8660, 3.0730, -6.1350



212.7340, -5.3630, -7.4350

Triad

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



213.8660, 3.0730, -6.1350



213.2740, -15.4510, -0.8190



216.6750, 11.4610, 7.0530

Complementary

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



213.8660, 3.0730, -6.1350



203.1340, -3.0730, 6.1350

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.



216.9670, 4.7670, 7.2230



213.8660, 3.0730, -6.1350



214.8340, -11.0960, 2.8560

Square

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



213.8660, 3.0730, -6.1350



212.5680, -16.4590, -4.5790



215.8350, -3.6690, 5.9230



216.8340, 15.2670, 4.1550

Rectangle

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



213.8660, 3.0730, -6.1350



212.3960, -10.2230, -7.4630



215.8350, -3.6690, 5.9230



217.3050, 9.6270, 7.2510

Sweetspot

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



213.8660, 3.0730, -6.1350



254.1310, 1.0090, -1.7670



207.4310, 9.0320, 1.5120



127.3590, 0.3670, -1.1450



0.0000, 0.0000, 0.0000



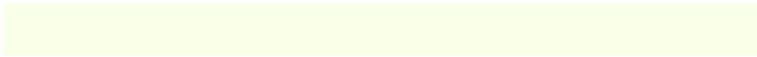
128.0000, -0.0000, -0.0000

Same Dimension

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



213.8660, 3.0730, -6.1350



250.8830, 4.4030, -8.2130



211.4740, -1.6950, -7.8310



107.8490, 1.7430, -4.0570



141.0190, 31.0970, -62.4950



37.4670, 8.2100, -16.6380

Inverse Universe

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



203.1340, -3.0730, 6.1350



236.1170, -4.4030, 8.2130



205.5260, 1.6950, 7.8310



100.8520, -2.3390, 3.8450



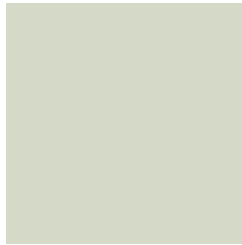
31.9810, -31.0970, 62.4950



8.5330, -8.2100, 16.6380

Previews

White Background



This preview shows how the YIQ color 213.8660, 3.0730, -6.1350 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 213.8660, 3.0730, -6.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

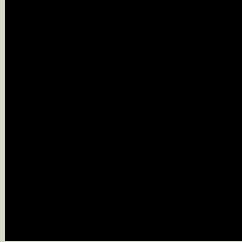
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

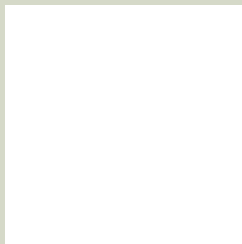
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.8660, 3.0730, -6.1350

Background



This preview shows how black text looks on a background with the YIQ color 213.8660, 3.0730, -6.1350.



This preview shows how white text looks on a background with the YIQ color 213.8660, 3.0730,

-6.1350.

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

213.8660, 3.0730, -6.1350

Protanopia

214.8670, 10.5000, -3.0680

Deuteranopia

216.2970, 21.2730, 5.4410



Tritanopia

216.0200, -2.7520, 5.8240

Trichromacy



Original Color

213.8660, 3.0730, -6.1350

Protanomaly

214.3720, 7.5200, -4.1280

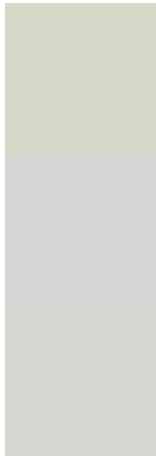
Deuteranomaly

215.5410, 14.5340, 0.9180

Tritanomaly

215.0540, -0.0920, 1.6680

Monochromacy



Original Color

213.8660, 3.0730, -6.1350

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.8660, 3.0730, -6.1350 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(213, 217, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 200)  
}
```

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(213, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 200) }
```

Border

The CSS property to change the border of an element to YIQ 213.8660, 3.0730, -6.1350 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(213, 217, 200) }
```


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

```
.border{ border-color:rgb(213, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 213.8660, 3.0730, -6.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 200) }
```

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

```
.background{ background-color: rgb(213,  
217, 200) }
```

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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