

Converting Colors

YIQ(202.8680, 59.2030,
-65.2530)

Have a look what the booklet for
YIQ(202.8680, 59.2030, -65.2530)
contains.

YIQ(202.8680, 59.2030, -65.2530)	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(202.8680, 59.2030,
-65.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE51A
RGB	219, 229, 26
RGB Percent	86%, 90%, 10%
CMY	0.1413, 0.1019, 0.8976
CMYK	0.04, 0.00, 0.89, 0.10
HSL	63°, 80%, 50%
HSV	63°, 89%, 90%
XYZ	57.4098, 71.1698, 11.6945
YIQ	202.8680, 59.2030, -65.2530

Conversions

Conversions Part 2

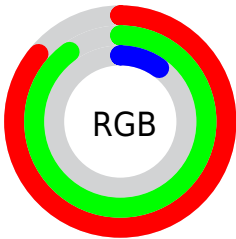
Format	Color
R _Y B	26, 229, 36
Decimal	14411034
CIE Lab	87.57, -23.76, 83.50
CIE LCh	88, 86.810, 105.882
Yxy	71.1698, 0.4093, 0.5074
Android (android.graphics.Color)	4292601114 (0xFFDBE51A)
YUV	202.8680, -87.1959, 14.1478
Hunter-Lab	84.3622, -26.1618, 50.8346

Details

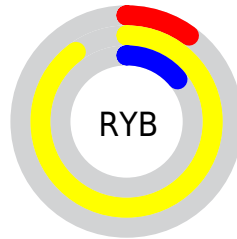
The YIQ color **202.8680, 59.2030, -65.2530** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **52.1320, -59.2030, 65.2530**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.1020, 50.3970, -48.8270**, and **149.6790, 46.9140, -57.2940** is the 20% darker color. If you saturate the color by 10%, you get **199.9470, 65.9900, -72.6180**, and if you desaturate by 10%, it is **205.7890, 52.4160, -57.8880**.

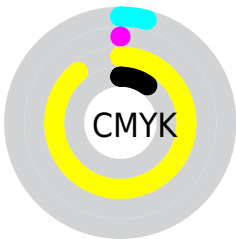
Distribution



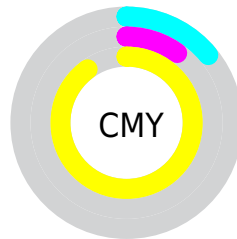
- Red (86%)
- Green (90%)
- Blue (10%)



- Red (10%)
- Yellow (90%)
- Blue (14%)



- Cyan (4%)
- Magenta (0%)
- Yellow (89%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.8680, 59.2030, -65.2530 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 202.8680, 59.2030, -65.2530 by changing the saturation by 10% instead.

202.8680, 59.2030,
-65.2530

202.8680, 59.2030,
-65.2530

255.0000, -0.0000,
-0.0000

174.4980, 57.3690,
-65.0550

237.1020, 50.3970,
-48.8270

149.6790, 46.9140,
-57.2940

240.5220, 40.7670,
-39.4970

125.1590, 37.0550,
-49.3210

243.8280, 31.4580,
-30.4780

102.1120, 27.2420,
-42.1820

247.1340, 22.1490,
-21.4590

79.0650, 17.4290,
-35.0430

250.5540, 12.5190,
-12.1290

56.6050, 7.3410,
-28.4270

253.9740, 2.8890,

35.0310, -2.4260,

-2.7990

-22.1220

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 202.8680, 59.2030,
-65.2530

■ 202.8680, 59.2030,
-65.2530

■ 199.9470, 65.9900,
-72.6180

■ 205.7890, 52.4160,
-57.8880

■ 199.6050, 66.9530,
-73.5510

■ 208.7100, 45.6290,
-50.5230

■ 211.6310, 38.8420,
-43.1580

■ 214.5520, 32.0550,
-35.7930

■ 217.7720, 25.8640,
-28.2160

■ 220.6930, 19.0770,
-20.8510

■ 223.5000, 12.6110,
-13.7970

■ 226.4210, 5.8240,
-6.4320

■ 229.3420, -0.9630,
0.9330

Harmonies

Analogous

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



198.5640, 84.5070, -39.2450



202.8680, 59.2030, -65.2530



192.1120, -26.6250, -73.6730

Triad

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



202.8680, 59.2030, -65.2530



178.1680, -151.7050, -53.5370



189.8430, 30.5250, 58.0530

Complementary

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



202.8680, 59.2030, -65.2530



52.1320, -59.2030, 65.2530

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.



209.2140, 21.4500, 40.7940



202.8680, 59.2030, -65.2530



169.9500, -147.8550, -46.2150

Square

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



202.8680, 59.2030, -65.2530



178.7550, -151.9800, -54.0600



195.3520, -59.6490, -3.7850



178.2440, 56.2960, 37.0320

Rectangle

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



202.8680, 59.2030, -65.2530



165.9700, -117.3580, -86.8140



195.3520, -59.6490, -3.7850



195.1260, 28.0500, 53.3460

Sweetspot

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



202.8680, 59.2030, -65.2530



246.2370, 20.3610, -22.0950



90.8060, 119.0630, 39.3750



122.4290, 11.3730, -13.3870



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.



202.8680, 59.2030, -65.2530



222.0430, 74.1070, -82.0610



173.5660, 0.7950, -86.0290



113.3330, 3.2560, -3.9440



155.9030, 52.0950, -57.5770



44.2890, 14.5830, -16.4970

Inverse Universe

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



52.1320, -59.2030, 65.2530



32.9570, -74.1070, 82.0610



81.4340, -0.7950, 86.0290



104.6670, -3.2560, 3.9440



23.0970, -52.0950, 57.5770



6.7110, -14.5830, 16.4970

Previews

White Background



This preview shows how the YIQ color 202.8680, 59.2030, -65.2530 looks on a white background.

Color Contrast Check

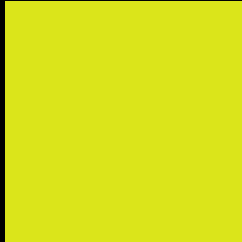
Large Text (above 18pt) WCAG AA × Fail

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 202.8680, 59.2030, -65.2530 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 202.8680, 59.2030, -65.2530

Background



This preview shows how black text looks on a background with the YIQ color 202.8680, 59.2030, -65.2530.



This preview shows how white text looks on a background with the YIQ color 202.8680, 59.2030, -65.2530.

-65.2530.

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

202.8680, 59.2030, -65.2530

Protanopia

205.6150, 79.3290, -55.5430

Deuteranopia

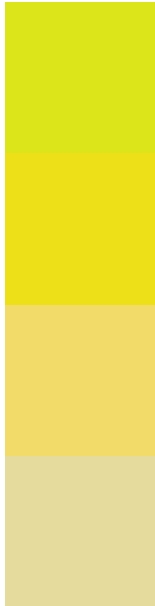
218.1480, 45.8970, -11.3110



Tritanopia

221.5160, 7.6550, 9.9510

Trichromacy



Original Color

202.8680, 59.2030, -65.2530

Protanomaly

204.5000, 72.2230, -58.9210

Deuteranomaly

212.7670, 50.6230, -30.8890

Tritanomaly

214.8080, 26.1830, -17.4730

Monochromacy



Original Color

202.8680, 59.2030, -65.2530

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.7810, 21.6450, -23.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.8680, 59.2030, -65.2530 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(219, 229, 26)` looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 26)  
}
```

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(219, 229, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 26) }
```

Border

The CSS property to change the border of an element to YIQ 202.8680, 59.2030, -65.2530 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(219, 229, 26) }
```


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

```
.border{ border-color:rgb(219, 229, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 229, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 229, 26);  
box-shadow:4px 4px 4px 4px rgb(219, 229,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 202.8680, 59.2030, -65.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 26) }
```

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

```
.background{ background-color: rgb(219,  
229, 26) }
```

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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