

Converting Colors

YIQ(209.8510, 32.6510,
-35.5810)

Have a look what the booklet for
YIQ(209.8510, 32.6510, -35.5810)
contains.

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Color

**YIQ(209.8510, 32.6510,
-35.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE071
RGB	219, 224, 113
RGB Percent	86%, 88%, 44%
CMY	0.1413, 0.1215, 0.5566
CMYK	0.02, 0.00, 0.50, 0.12
HSL	63°, 64%, 66%
HSV	63°, 50%, 88%
XYZ	58.8471, 69.5626, 25.9644
YIQ	209.8510, 32.6510, -35.5810

Conversions

Conversions Part 2

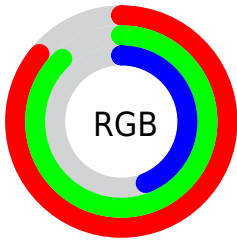
Format	Color
RYB	113, 224, 118
Decimal	14409841
CIELab	86.78, -16.87, 53.19
CIElCh	87, 55.799, 107.601
Yxy	69.5626, 0.3812, 0.4506
Android (android.graphics.Color)	4292599921 (0xFFDBE071)
YUV	209.8510, -47.7475, 8.0237
Hunter-Lab	83.4042, -20.0141, 39.9255

Details

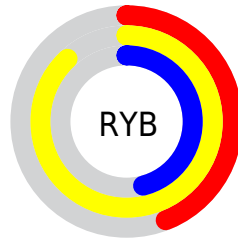
The YIQ color **209.8510, 32.6510, -35.5810** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **127.1490, -32.6510, 35.5810**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.9680, 28.2480, -27.3680**, and **154.4810, 30.8170, -35.3830** is the 20% darker color. If you saturate the color by 10%, you get **207.0440, 39.1170, -42.6350**, and if you desaturate by 10%, it is **212.6580, 26.1850, -28.5270**.

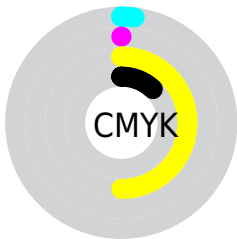
Distribution



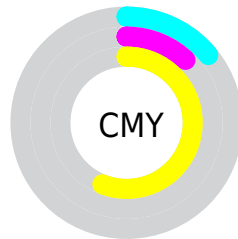
- Red (86%)
- Green (88%)
- Blue (44%)



- Red (44%)
- Yellow (88%)
- Blue (46%)



- Cyan (2%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.8510, 32.6510, -35.5810 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 209.8510, 32.6510, -35.5810 by changing the saturation by 10% instead.

209.8510, 32.6510,
-35.5810

209.8510, 32.6510,
-35.5810

255.0000, -0.0000,
-0.0000

181.7800, 31.4130,
-35.1710

244.9680, 28.2480,
-27.3680

154.4810, 30.8170,
-35.3830

248.1600, 19.2600,
-18.6600

127.7690, 29.9460,
-36.1180

251.4660, 9.9510,
-9.6410

100.6720, 31.5970,
-38.5070

254.7720, 0.6420,
-0.6220

78.2230, 22.9760,
-30.9440

56.9480, 13.8050,
-24.4270

36.5590, 4.9550,

-18.2210

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 209.8510, 32.6510,
-35.5810

■ 209.8510, 32.6510,
-35.5810

■ 207.0440, 39.1170,
-42.6350

■ 212.6580, 26.1850,
-28.5270

■ 204.1230, 45.9040,
-50.0000


■ 215.5790, 19.3980,
-21.1620


■ 201.3160, 52.3700,
-57.0540

■ 218.3860, 12.9320,
-14.1080


■ 198.3950, 59.1570,
-64.4190


■ 221.3070, 6.1450,
-6.7430


 195.5880, 65.6230,
-71.4730


 224.1140, -0.3210,
0.3110

 195.4740, 65.9440,
-71.7840

 226.9210, -6.7870,
7.3650

 228.1320, -8.7590,
10.0650

 228.4310, -8.1630,
10.2770

 228.7300, -7.5670,
10.4890

Harmonies

Analogous

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



210.6360, 58.7820, -19.0580



209.8510, 32.6510, -35.5810



202.4890, -16.3600, -44.9360

Triad

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



209.8510, 32.6510, -35.5810



169.9500, -147.8550, -46.2150



207.1450, 25.8980, 37.2740

Complementary

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



209.8510, 32.6510, -35.5810



127.1490, -32.6510, 35.5810

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.



218.0190, 17.3250, 32.9490



209.8510, 32.6510, -35.5810



184.1240, -103.7060, -25.8340

Square

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



209.8510, 32.6510, -35.5810



172.0870, -146.9830, -51.0070



209.4270, -28.7030, 8.0730



200.4020, 43.5070, 21.0030

Rectangle

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



209.8510, 32.6510, -35.5810



194.2960, -58.3570, -49.2450



209.4270, -28.7030, 8.0730



210.9750, 20.6250, 39.2250

Sweetspot

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



209.8510, 32.6510, -35.5810



250.0700, 11.0060, -12.2420



148.5370, 65.0560, 21.4400



124.7800, 6.1910, -7.5770



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.



209.8510, 32.6510, -35.5810



235.8070, 43.9780, -48.1340



193.7050, 0.4670, -47.0290



110.7460, 3.5310, -3.4210



153.5440, 51.7280, -56.4320



41.9300, 14.2160, -15.3520

Inverse Universe

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



127.1490, -32.6510, 35.5810



123.8940, -44.5740, 47.9220



143.2950, -0.4670, 47.0290



102.2540, -3.5310, 3.4210



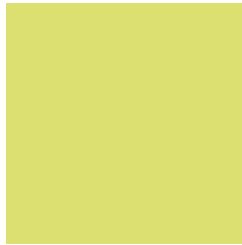
22.4560, -51.7280, 56.4320



6.0700, -14.2160, 15.3520

Previews

White Background



This preview shows how the YIQ color 209.8510, 32.6510, -35.5810 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 209.8510, 32.6510, -35.5810 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 209.8510, 32.6510, -35.5810

Background



This preview shows how black text looks on a background with the YIQ color 209.8510, 32.6510, -35.5810.



This preview shows how white text looks on a background with the YIQ color 209.8510, 32.6510, -35.5810.

-35.5810.

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

209.8510, 32.6510, -35.5810

Protanopia

211.7930, 47.7340, -28.0900

Deuteranopia

215.9140, 46.6760, -8.9080



Tritanopia

218.9180, 6.4630, 9.5270

Trichromacy



Original Color

209.8510, 32.6510, -35.5810

Protanomaly

211.2760, 41.8200, -31.0440

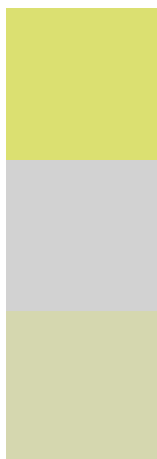
Deuteranomaly

213.4800, 41.7260, -18.3220

Tritanomaly

215.8690, 16.1860, -6.9980

Monochromacy



Original Color

209.8510, 32.6510, -35.5810

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8420, 11.6480, -12.8640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.8510, 32.6510, -35.5810 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, 224, 113)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 113)  
}
```

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, 224, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 113) }
```

Border

The CSS property to change the border of an element to YIQ 209.8510, 32.6510, -35.5810 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, 224, 113) }
```


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

```
.border{ border-color:rgb(219, 224, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 224, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 224, 113); box-shadow:4px 4px 4px 4px rgb(219, 224, 113) }
```

Background

The CSS property to change the background color of an element to YIQ 209.8510, 32.6510, -35.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 113) }
```

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

```
.background{ background-color: rgb(219,  
224, 113) }
```

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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