

Converting Colors

YIQ(220.8550, 9.6330, -25.9110)

Have a look what the booklet for
YIQ(220.8550, 9.6330, -25.9110)
contains.

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Color

**YIQ(220.8550, 9.6330,
-25.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EBA6
RGB	214, 235, 166
RGB Percent	84%, 92%, 65%
CMY	0.1609, 0.0784, 0.3489
CMYK	0.09, 0.00, 0.29, 0.08
HSL	78°, 63%, 79%
HSV	78°, 29%, 92%
XYZ	64.3205, 76.4682, 47.4574
YIQ	220.8550, 9.6330, -25.9110

Conversions

Conversions Part 2

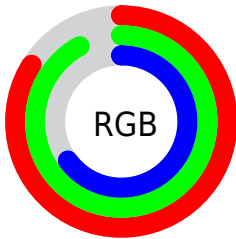
Format	Color
RYB	166, 235, 187
Decimal	14085030
CIELab	90.08, -18.25, 31.25
CIELCh	90, 36.189, 120.284
Yxy	76.4682, 0.3417, 0.4062
Android (android.graphics.Color)	4292275110 (0xFFD6EBA6)
YUV	220.8550, -27.0435, -6.0118
Hunter-Lab	87.4461, -21.7360, 29.0353

Details

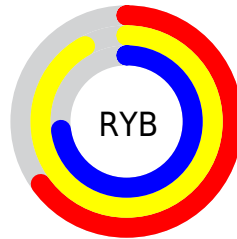
The YIQ color **220.8550, 9.6330, -25.9110** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180.1450, -9.6330, 25.9110**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.2380, 10.5930, -10.2630**, and **165.4960, 9.2660, -24.7660** is the 20% darker color. If you saturate the color by 10%, you get **216.1400, 12.8440, -34.5480**, and if you desaturate by 10%, it is **225.6840, 6.1010, -16.9630**.

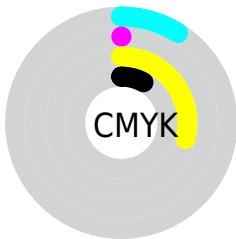
Distribution



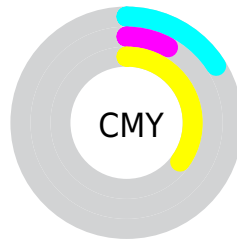
- Red (84%)
- Green (92%)
- Blue (65%)



- Red (65%)
- Yellow (92%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.8550, 9.6330, -25.9110 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 220.8550, 9.6330, -25.9110 by changing the saturation by 10% instead.

 220.8550, 9.6330,
-25.9110


 220.8550, 9.6330,
-25.9110

255.0000, -0.0000,
-0.0000

 192.9690, 9.3120,
-25.6000


 251.2380, 10.5930,
-10.2630


 165.4960, 9.2660,
-24.7660

 254.4300, 1.6050,
-1.5550

 138.7240, 8.6240,
-24.1440

 112.9520, 7.9820,
-23.5220

 88.1800, 7.3400,
-22.9000

 64.1800, 7.3400,
-22.9000

 41.8640, 5.4140,

-21.0340

■ 21.7630, -4.3070,
-15.5630

■ 0.5870, -0.2750,
-0.5230

■ 220.8550, 9.6330,
-25.9110

■ 220.8550, 9.6330,
-25.9110

■ 216.1400, 12.8440,
-34.5480

■ 225.6840, 6.1010,
-16.9630

■ 211.3110, 16.3760,
-43.4960

■ 230.3990, 2.8900,
-8.3260

■ 206.2970, 18.9910,
-52.3450

■ 235.2280, -0.6420,
0.6220

■ 201.4680, 22.5230,
-61.2930

■ 239.6720, -1.6520,
7.9160

■ 196.7530, 25.7340,
-69.9300

■ 241.7650, 2.5200,
9.4000

■ 191.9240, 29.2660,
-78.8780

■ 243.2600, 5.5000,
10.4600

■ 187.2090, 32.4770,
-87.5150

■ 186.6820, 32.5230,
-88.3490

Harmonies

Analogous

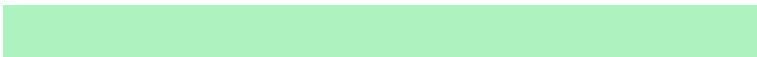
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.4350, 37.5990, -15.1130



220.8550, 9.6330, -25.9110



215.8540, -24.1570, -30.2770

Triad

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



220.8550, 9.6330, -25.9110



210.0270, -66.5240, -16.8600



220.2240, 23.5170, 19.8450

Complementary

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



220.8550, 9.6330, -25.9110



180.1450, -9.6330, 25.9110

Split Complementary

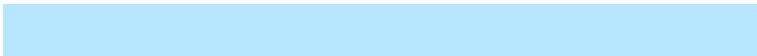
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.2370, 13.4750, 25.6270



220.8550, 9.6330, -25.9110



218.4980, -36.6330, -2.4010

Square

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



220.8550, 9.6330, -25.9110



207.8680, -79.4980, -24.0260



226.4040, -3.5330, 14.4750



217.9950, 33.9270, 7.3910

Rectangle

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



220.8550, 9.6330, -25.9110



212.4630, -47.8610, -30.2050



226.4040, -3.5330, 14.4750



222.0650, 19.7110, 22.7430

Sweetspot

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



220.8550, 9.6330, -25.9110



250.2850, 3.2110, -8.6370



198.9580, 35.3490, 3.6450



124.7950, 1.8350, -5.7250



0.0000, 0.0000, 0.0000



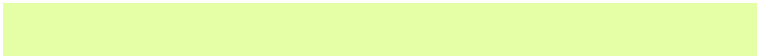
128.0000, -0.0000, -0.0000

Same Dimension

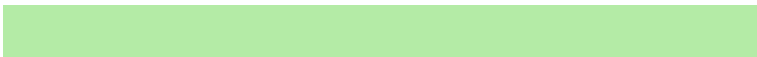
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.8550, 9.6330, -25.9110



236.7810, 12.4770, -33.4030



210.6890, -10.6310, -33.1190



114.8490, 1.7430, -4.0570



143.9210, 25.3210, -67.9510



42.7610, 7.2020, -20.3980

Inverse Universe

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



180.1450, -9.6330, 25.9110



184.2190, -12.4770, 33.4030



190.3110, 10.6310, 33.1190



108.1510, -1.7430, 4.0570



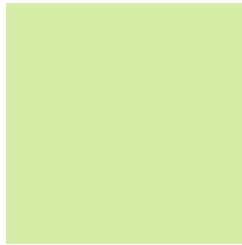
37.0790, -25.3210, 67.9510



10.9400, -7.7980, 20.1860

Previews

White Background



This preview shows how the YIQ color 220.8550, 9.6330, -25.9110 looks on a white background.

Color Contrast Check

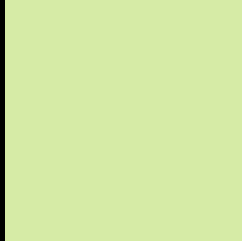
Large Text (above 18pt) WCAG AA × Fail

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 220.8550, 9.6330, -25.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

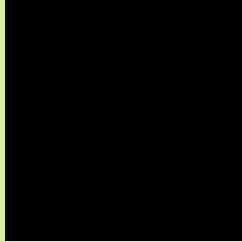
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

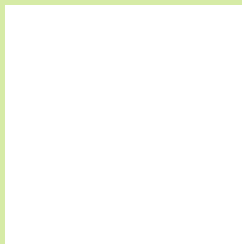
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.8550, 9.6330, -25.9110

Background



This preview shows how black text looks on a background with the YIQ color 220.8550, 9.6330, -25.9110.



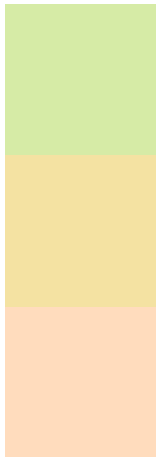
This preview shows how white text looks on a background with the YIQ color 220.8550, 9.6330,

-25.9110.

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

220.8550, 9.6330, -25.9110

Protanopia

224.0860, 31.2720, -16.0880

Deuteranopia

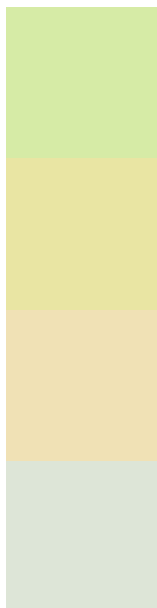
226.9310, 30.8110, -2.2210



Tritanopia

227.0520, -5.7780, 5.5980

Trichromacy



Original Color

220.8550, 9.6330, -25.9110

Protanomaly

222.6720, 23.5700, -19.6780

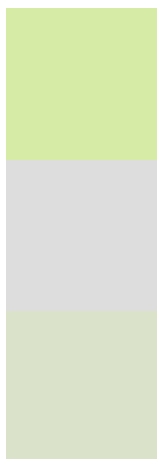
Deuteranomaly

224.4690, 23.0640, -10.5040

Tritanomaly

225.0120, -0.2740, -6.0500

Monochromacy



Original Color

220.8550, 9.6330, -25.9110

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7580, 3.2570, -9.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.8550, 9.6330, -25.9110 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(214, 235, 166)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 166)  
}
```

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(214, 235, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 166) }
```

Border

The CSS property to change the border of an element to YIQ 220.8550, 9.6330, -25.9110 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(214, 235, 166) }
```


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

```
.border{ border-color:rgb(214, 235, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 235, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 235, 166); box-shadow:4px 4px 4px 4px rgb(214, 235, 166) }
```

Background

The CSS property to change the background color of an element to YIQ 220.8550, 9.6330, -25.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 166) }
```

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

```
.background{ background-color: rgb(214,  
235, 166) }
```

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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