

Converting Colors

YIQ(198.6650, -35.3050, 6.5750)

Have a look what the booklet for
YIQ(198.6650, -35.3050, 6.5750)
contains.

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Color

**YIQ(198.6650, -35.3050,
6.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	A9CCF9
RGB	169, 204, 249
RGB Percent	66%, 80%, 98%
CMY	0.3373, 0.1999, 0.0237
CMYK	0.32, 0.18, 0.00, 0.02
HSL	214°, 87%, 82%
HSV	214°, 32%, 98%
XYZ	55.0475, 58.4630, 97.9692
YIQ	198.6650, -35.3050, 6.5750

Conversions

Conversions Part 2

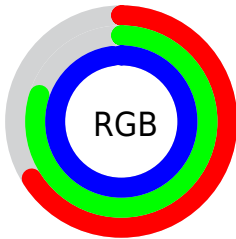
Format	Color
RYB	169, 193, 249
Decimal	11128057
CIELab	81.00, -1.31, -25.85
CIELCh	81, 25.881, 267.103
Yxy	58.4630, 0.2603, 0.2764
Android (android.graphics.Color)	4289318137 (0xFFA9CCF9)
YUV	198.6650, 24.8152, -26.0162
Hunter-Lab	76.4611, -5.2975, -22.4452

Details

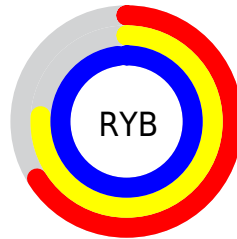
The YIQ color **198.6650, -35.3050, 6.5750** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **219.3350, 35.3050, -6.5750**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3290, -17.2840, -6.1480**, and **144.3230, -34.3420, 5.6420** is the 20% darker color. If you saturate the color by 10%, you get **182.9720, -46.3550, 8.5970**, and if you desaturate by 10%, it is **214.3580, -24.2550, 4.5530**.

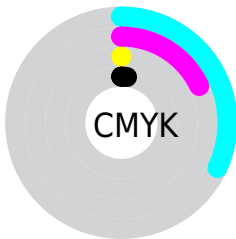
Distribution



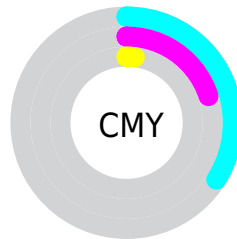
- Red (66%)
- Green (80%)
- Blue (98%)



- Red (66%)
- Yellow (76%)
- Blue (98%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6650, -35.3050, 6.5750 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 198.6650, -35.3050, 6.5750 by changing the saturation by 10% instead.

■ 198.6650,
-35.3050, 6.5750

■ 198.6650,
-35.3050, 6.5750

■ 255.0000, -0.0000,
-0.0000

■ 171.1380,
-35.2590, 5.7410

■ 246.3290,
-17.2840, -6.1480

■ 144.3230,
-34.3420, 5.6420

■ 117.9100,
-34.6170, 5.1190

■ 92.4970, -34.8920,
4.5960

■ 67.6600, -36.9090,
2.6030

■ 41.1430, -42.8230,
-0.3510

■ 26.1940, -29.6650,

3.4790

■ 9.5980, -16.0030,
9.1890

■ 2.9810, -7.0160,
6.0080

■ 198.6650,
-35.3050, 6.5750

■ 198.6650,
-35.3050, 6.5750

■ 182.9720,
-46.3550, 8.5970

■ 214.3580,
-24.2550, 4.5530

■ 167.2790,
-57.4050, 10.6190

■ 230.0510,
-13.2050, 2.5310

■ 151.5860,
-68.4550, 12.6410

■ 245.7440, -2.1550,
0.5090

■ 135.8930,
-79.5050, 14.6630

■ 254.3160, 1.9260,
-1.8660

■ 120.4990,
-89.9590, 16.8970

■ 104.8060,
-101.0090, 18.9190

■ 92.3690,
-109.9040, 20.4320

Harmonies

Analogous

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



193.7890, -50.7540, -5.2980



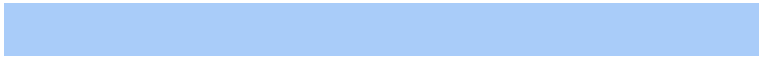
198.6650, -35.3050, 6.5750



203.2660, -11.8320, 16.2000

Triad

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



198.6650, -35.3050, 6.5750



204.1640, 40.9410, 12.4370



194.5120, -14.0260, -21.1460

Complementary

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



198.6650, -35.3050, 6.5750



219.3350, 35.3050, -6.5750

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.



197.5380, 9.4480, -17.0480



198.6650, -35.3050, 6.5750



202.5300, 39.4300, 1.2700

Square

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



198.6650, -35.3050, 6.5750



205.1170, 31.1280, 19.5760



200.6330, 28.4740, -9.4300



191.8330, -36.8590, -20.3390

Rectangle

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



198.6650, -35.3050, 6.5750



204.5840, 4.9480, 20.4680



200.6330, 28.4740, -9.4300



195.3450, -6.1860, -20.0580

Sweetspot

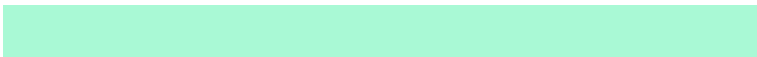
The Sweet Spot groups the original color and five complimentary colors.



198.6650, -35.3050, 6.5750



239.3070, -11.0500, 2.0220



220.9760, -36.1240, -28.1560



117.9330, -7.0610, 1.3150



0.0000, 0.0000, 0.0000



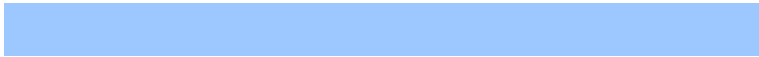
128.0000, -0.0000, -0.0000

Same Dimension

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



198.6650, -35.3050, 6.5750



192.5270, -43.6040, 8.3000



179.3160, -23.2960, 25.7280



117.0040, -5.8230, 0.9050



70.2670, -83.4940, 15.3700



22.8030, -27.0060, 4.8500

Inverse Universe

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



196.9100, 36.4450, 27.8450



190.5030, 45.2010, 34.3610



238.6840, 23.2960, -25.7280



116.5710, 5.8220, 4.6220



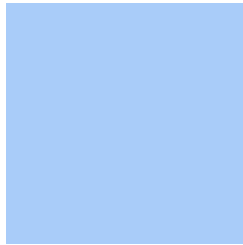
65.9730, 86.0010, 65.8810



21.3170, 27.6890, 21.3290

Previews

White Background



This preview shows how the YIQ color 198.6650, -35.3050, 6.5750 looks on a white background.

Color Contrast Check

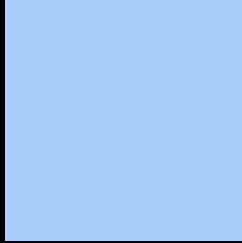
Large Text (above 18pt) WCAG AA × Fail

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 198.6650, -35.3050, 6.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

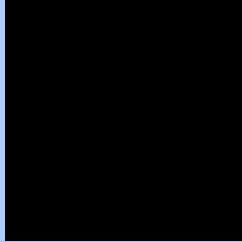
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

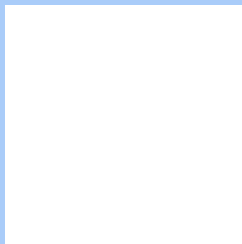
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.6650, -35.3050, 6.5750

Background



This preview shows how black text looks on a background with the YIQ color 198.6650, -35.3050, 6.5750.



This preview shows how white text looks on a background with the YIQ color 198.6650, -35.3050,

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

198.6650, -35.3050, 6.5750

Protanopia

201.5530, -20.1300, 12.3980

Deuteranopia

202.4440, -18.2050, 16.0590



Tritanopia

196.7820, -31.6810, -4.0410

Trichromacy



Original Color

198.6650, -35.3050, 6.5750

Protanomaly

200.4490, -25.7690, 9.9670

Deuteranomaly

201.5140, -24.3940, 12.5820

Tritanomaly

197.8190, -33.1030, -0.2950

Monochromacy



Original Color

198.6650, -35.3050, 6.5750

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9370, -12.8840, 2.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6650, -35.3050, 6.5750 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(169, 204, 249)` looks like.

```
.text, #text, p{  
    color:rgb(169, 204, 249)  
}
```

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(169, 204, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 204, 249) }
```

Border

The CSS property to change the border of an element to YIQ 198.6650, -35.3050, 6.5750 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(169, 204, 249) }
```


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

```
.border{ border-color:rgb(169, 204, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 204, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 204, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 204, 249);  
box-shadow:4px 4px 4px 4px rgb(169, 204,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6650, -35.3050, 6.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 204, 249) }
```

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

```
.background{ background-color: rgb(169,  
204, 249) }
```

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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