

Converting Colors

YIQ(200.6910, -47.3620,
-0.6900)

Have a look what the booklet for
YIQ(200.6910, -47.3620, -0.6900)
contains.

YIQ(200.6910, -47.3620, -0.6900)	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(200.6910, -47.3620,
-0.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD6FC
RGB	155, 214, 252
RGB Percent	61%, 84%, 99%
CMY	0.3923, 0.1607, 0.0120
CMYK	0.38, 0.15, 0.00, 0.01
HSL	203°, 94%, 80%
HSV	203°, 38%, 99%
XYZ	55.1266, 62.0961, 101.1297
YIQ	200.6910, -47.3620, -0.6900

Conversions

Conversions Part 2

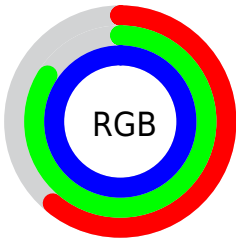
Format	Color
RYB	155, 192, 252
Decimal	10213116
CIELab	82.96, -9.60, -24.51
CIELCh	83, 26.318, 248.618
Yxy	62.0961, 0.2525, 0.2844
Android (android.graphics.Color)	4288403196 (0xFF9BD6FC)
YUV	200.6910, 25.2953, -40.0710
Hunter-Lab	78.8011, -13.0292, -20.9293

Details

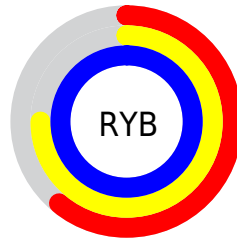
The YIQ color $200.6910, -47.3620, -0.6900$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $206.3090, 47.3620, 0.6900$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.1430, -25.6280, -9.1160$, and $145.1640, -47.3160, -1.5240$ is the 20% darker color. If you saturate the color by 10%, you get $187.3460, -59.5120, -0.7600$, and if you desaturate by 10%, it is $214.0360, -35.2120, -0.6200$.

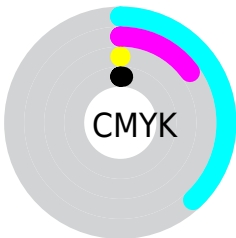
Distribution



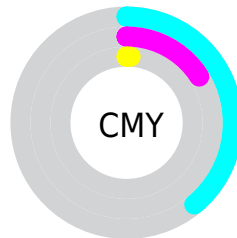
- Red (61%)
- Green (84%)
- Blue (99%)



- Red (61%)
- Yellow (75%)
- Blue (99%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.6910, -47.3620, -0.6900 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 200.6910, -47.3620, -0.6900 by changing the saturation by 10% instead.

■ 200.6910,
-47.3620, -0.6900

■ 200.6910,
-47.3620, -0.6900

■ 255.0000, -0.0000,
-0.0000

■ 172.5770,
-47.0410, -1.0010

■ 242.1430,
-25.6280, -9.1160

■ 145.1640,
-47.3160, -1.5240

■ 251.1130, -7.7480,
-2.7560

■ 118.4520,
-48.1870, -2.2590

■ 91.7290, -50.5250,
-3.9410

■ 62.5320, -60.3360,
-7.8560

■ 46.1810, -45.9860,
-3.6020

■ 30.5310, -32.2320,

0.4400

■ 16.2830, -19.6700,
4.0580

■ 3.3230, -7.9790,
6.9410

■ 200.6910,
-47.3620, -0.6900

■ 200.6910,
-47.3620, -0.6900

■ 187.3460,
-59.5120, -0.7600

■ 214.0360,
-35.2120, -0.6200

■ 174.0010,
-71.6620, -0.8300

■ 227.3810,
-23.0620, -0.5500

■ 160.3570,
-84.4080, -1.1120

■ 241.0250,
-10.3160, -0.2680

■ 147.5990,
-96.8330, -1.7050

■ 253.4840, 1.5130,
0.1130

■ 134.2540,
-108.9830, -1.7750

254.6580, 0.9630,
-0.9330

■ 120.9090,
-121.1330, -1.8450

■ 118.5390,
-122.9670, -1.6470

Harmonies

Analogous

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



196.5340, -54.6500, -11.7860



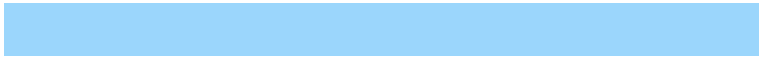
200.6910, -47.3620, -0.6900



205.9050, -27.0530, 11.2110

Triad

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



200.6910, -47.3620, -0.6900



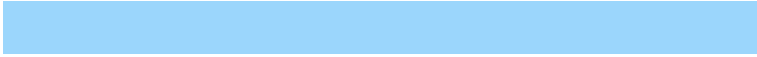
209.9880, 35.8050, 17.4130



201.4660, 0.7830, -19.7050

Complementary

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



200.6910, -47.3620, -0.6900



206.3090, 47.3620, 0.6900

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.



204.7030, 22.2850, -12.9070



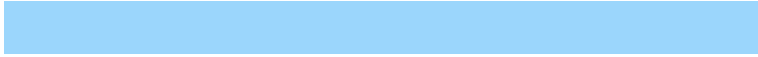
200.6910, -47.3620, -0.6900



209.1270, 42.3630, 8.6910

Square

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



200.6910, -47.3620, -0.6900



211.0220, 21.2700, 22.0220



207.2260, 37.2300, -2.9140



198.4230, -24.0210, -21.7250

Rectangle

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



200.6910, -47.3620, -0.6900



208.9780, -10.9610, 16.9350



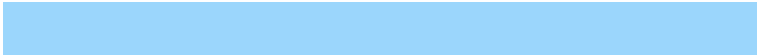
207.2260, 37.2300, -2.9140



202.8260, 8.5770, -17.7830

Sweetspot

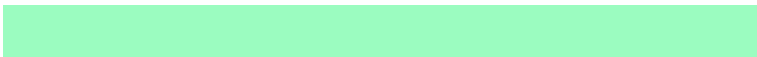
The Sweet Spot groups the original color and five complimentary colors.



200.6910, -47.3620, -0.6900



238.6870, -15.1760, -0.2960



216.1570, -38.5520, -39.2240



118.5090, -8.8030, -0.1550



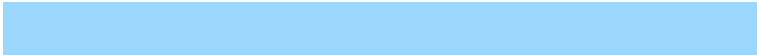
0.0000, 0.0000, 0.0000



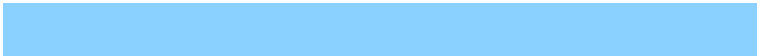
128.0000, -0.0000, -0.0000

Same Dimension

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



200.6910, -47.3620, -0.6900



193.0150, -57.0820, -0.7460



172.5150, -34.1620, 24.4140



118.1780, -6.3730, -0.1410



89.0510, -92.2940, -1.3660



28.6730, -29.7560, -0.3800

Inverse Universe

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



190.7290, 38.8730, 38.9130



181.0770, 46.9410, 46.8850



234.4850, 34.1620, -24.4140



116.7990, 5.1800, 5.2440



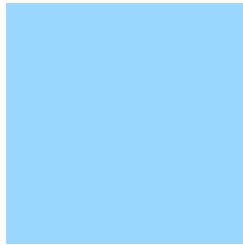
69.6210, 75.7290, 75.8330



22.4570, 24.4790, 24.4390

Previews

White Background



This preview shows how the YIQ color 200.6910, -47.3620, -0.6900 looks on a white background.

Color Contrast Check

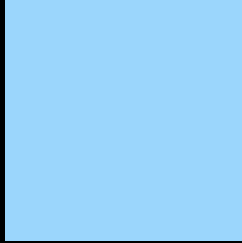
Large Text (above 18pt) WCAG AA × Fail

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 200.6910, -47.3620, -0.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

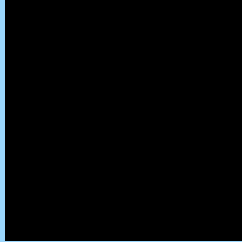
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

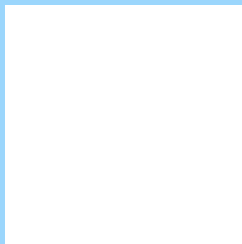
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.6910, -47.3620, -0.6900

Background



This preview shows how black text looks on a background with the YIQ color 200.6910, -47.3620, -0.6900.



This preview shows how white text looks on a background with the YIQ color 200.6910, -47.3620, -0.6900.

-0.6900.

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

200.6910, -47.3620, -0.6900

Protanopia

206.5810, -17.3330, 11.2670

Deuteranopia

207.7430, -17.6090, 16.2710



Tritanopia

198.9050, -45.3890, -8.9170

Trichromacy



Original Color

200.6910, -47.3620, -0.6900

Protanomaly

204.7860, -28.3360, 6.9280

Deuteranomaly

204.8940, -28.5200, 10.2640

Tritanomaly

199.7140, -46.1690, -5.7930

Monochromacy



Original Color

200.6910, -47.3620, -0.6900

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.0180, -17.6060, -0.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6910, -47.3620, -0.6900 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(155, 214, 252)` looks like.

```
.text, #text, p{  
    color:rgb(155, 214, 252)  
}
```

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(155, 214, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 214, 252) }
```

Border

The CSS property to change the border of an element to YIQ 200.6910, -47.3620, -0.6900 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(155, 214, 252) }
```


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

```
.border{ border-color:rgb(155, 214, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 214, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 214, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 214, 252);  
box-shadow:4px 4px 4px 4px rgb(155, 214,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6910, -47.3620, -0.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 214, 252) }
```

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

```
.background{ background-color: rgb(155,  
214, 252) }
```

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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