

Converting Colors

YIQ(192.5300, -39.6590,
-2.6270)

Have a look what the booklet for
YIQ(192.5300, -39.6590, -2.6270)
contains.

YIQ(192.5300, -39.6590, -2.6270)	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(192.5300, -39.6590,
-2.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	99CDE8
RGB	153, 205, 232
RGB Percent	60%, 80%, 91%
CMY	0.4001, 0.1960, 0.0904
CMYK	0.34, 0.12, 0.00, 0.09
HSL	200°, 63%, 75%
HSV	200°, 34%, 91%
XYZ	49.5273, 56.2664, 84.5602
YIQ	192.5300, -39.6590, -2.6270

Conversions

Conversions Part 2

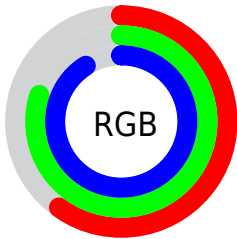
Format	Color
RYB	153, 184, 232
Decimal	10079720
CIELab	79.77, -10.43, -18.72
CIELCh	80, 21.433, 240.882
Yxy	56.2664, 0.2602, 0.2956
Android (android.graphics.Color)	4288269800 (0xFF99CDE8)
YUV	192.5300, 19.4587, -34.6678
Hunter-Lab	75.0109, -13.4113, -14.3303

Details

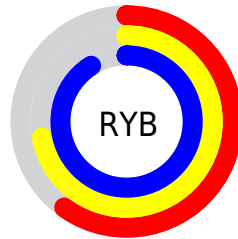
The YIQ color **192.5300, -39.6590, -2.6270** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **192.4700, 39.6590, 2.6270**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, -27.4160, -9.7520**, and **138.3020, -39.0170, -3.2490** is the 20% darker color. If you saturate the color by 10%, you get **180.9570, -51.1670, -3.3190**, and if you desaturate by 10%, it is **204.1030, -28.1510, -1.9350**.

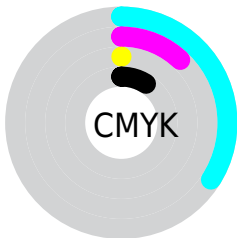
Distribution



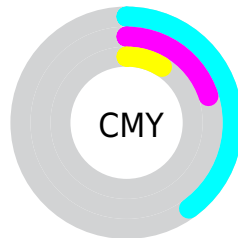
- Red (60%)
- Green (80%)
- Blue (91%)



- Red (60%)
- Yellow (72%)
- Blue (91%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5300, -39.6590, -2.6270 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 192.5300, -39.6590, -2.6270 by changing the saturation by 10% instead.

■ 192.5300,
-39.6590, -2.6270

■ 192.5300,
-39.6590, -2.6270

■ 255.0000, -0.0000,
-0.0000

■ 165.4160,
-39.3380, -2.9380

■ 241.2460,
-27.4160, -9.7520

■ 138.3020,
-39.0170, -3.2490

■ 249.9170,
-10.1320, -3.6040

■ 112.0030,
-39.6130, -3.4610

■ 86.2910, -40.4840,
-4.1960

■ 58.8880, -46.7190,
-6.8390

■ 39.6610, -38.6500,
-4.3940

■ 24.7120, -25.4920,

-0.5640

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 192.5300,
-39.6590, -2.6270

■ 192.5300,
-39.6590, -2.6270

■ 180.9570,
-51.1670, -3.3190

■ 204.1030,
-28.1510, -1.9350

■ 169.3840,
-62.6750, -4.0110

■ 215.6760,
-16.6430, -1.2430

■ 157.5120,
-74.7790, -4.9150

■ 227.5480, -4.5390,
-0.3390

■ 145.9390,
-86.2870, -5.6070

■ 239.1210, 6.9690,
0.3530

■ 134.3660,
-97.7950, -6.2990

■ 246.5080, 10.1330,
-1.9230

■ 123.3800,
-109.5780, -7.5140

■ 250.6170, 8.2080,
-5.5840

■ 116.2590,
-116.5470, -7.8670

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



190.1780, -41.9040, -11.5040



192.5300, -39.6590, -2.6270



196.4550, -25.9060, 6.9420

Triad

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



192.5300, -39.6590, -2.6270



201.4430, 27.0940, 15.5900



194.8520, 5.6880, -14.9840

Complementary

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



192.5300, -39.6590, -2.6270



192.4700, 39.6590, 2.6270

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.



197.3380, 22.0550, -8.7370



192.5300, -39.6590, -2.6270



200.3480, 34.4310, 9.2710

Square

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



192.5300, -39.6590, -2.6270



201.4830, 12.4220, 17.1740



198.8820, 32.5070, 0.0830



192.0330, -13.9350, -17.2870

Rectangle

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



192.5300, -39.6590, -2.6270



198.9620, -14.0320, 12.0160



198.8820, 32.5070, 0.0830



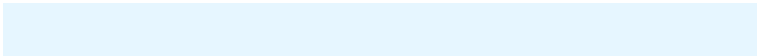
195.4290, 11.3730, -13.3870

Sweetspot

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



192.5300, -39.6590, -2.6270



242.2420, -12.4250, -0.5930



202.3370, -30.0710, -33.2310



119.6940, -7.8860, -0.2540



0.0000, 0.0000, 0.0000



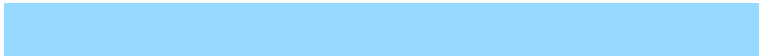
128.0000, -0.0000, -0.0000

Same Dimension

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



192.5300, -39.6590, -2.6270



202.4730, -52.6800, -3.4320



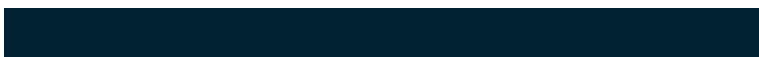
169.6370, -28.9340, 17.7700



109.0640, -6.0520, -0.4520



89.6720, -89.9090, -6.0450



25.7720, -25.7210, -1.9210

Inverse Universe

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



182.5490, 30.3920, 32.9200



189.2610, 40.4310, 43.7190



215.3630, 28.9340, -17.7700



107.5000, 4.5840, 5.0320



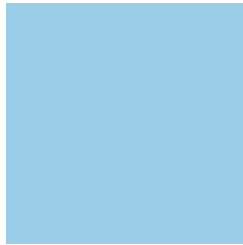
66.9730, 68.8060, 74.6460



19.1250, 19.4820, 21.3860

Previews

White Background



This preview shows how the YIQ color 192.5300, -39.6590, -2.6270 looks on a white background.

Color Contrast Check

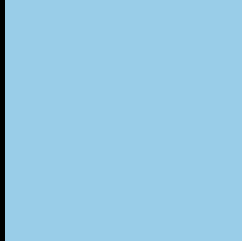
Large Text (above 18pt) WCAG AA × Fail

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 192.5300, -39.6590, -2.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

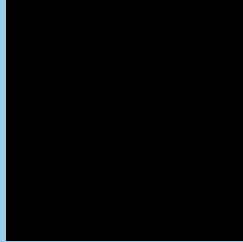
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.5300, -39.6590, -2.6270

Background



This preview shows how black text looks on a background with the YIQ color 192.5300, -39.6590, -2.6270.



This preview shows how white text looks on a background with the YIQ color 192.5300, -39.6590, -2.6270.

-2.6270.

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

192.5300, -39.6590, -2.6270

Protanopia

198.2240, -12.0140, 8.4820

Deuteranopia

199.2830, -10.5020, 14.1220



Tritanopia

191.4930, -38.2370, -6.3730

Trichromacy



Original Color

192.5300, -39.6590, -2.6270

Protanomaly

196.0270, -21.8250, 4.5670

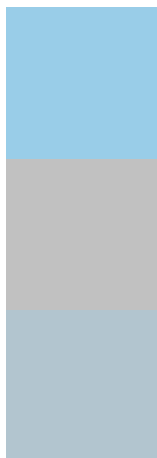
Deuteranomaly

196.7330, -20.8170, 8.3270

Tritanomaly

192.1340, -38.6040, -5.2280

Monochromacy



Original Color

192.5300, -39.6590, -2.6270

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.4590, -14.5340, -0.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5300, -39.6590, -2.6270 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(153, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(153, 205, 232)  
}
```

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(153, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 205, 232) }
```

Border

The CSS property to change the border of an element to YIQ 192.5300, -39.6590, -2.6270 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(153, 205, 232) }
```


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

```
.border{ border-color:rgb(153, 205, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 205, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 205, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 205, 232);  
box-shadow:4px 4px 4px 4px rgb(153, 205,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5300, -39.6590, -2.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 205, 232) }
```

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

```
.background{ background-color: rgb(153,  
205, 232) }
```

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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