

Converting Colors

YIQ(155.7900, -33.0180,
36.7260)

Have a look what the booklet for
YIQ(155.7900, -33.0180, 36.7260)
contains.

YIQ(155.7900, -33.0180, 36.7260)	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(155.7900, -33.0180,
36.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	938DFF
RGB	147, 141, 255
RGB Percent	58%, 55%, 100%
CMY	0.4234, 0.4471, 0.0002
CMYK	0.42, 0.45, 0.00, 0.00
HSL	243°, 100%, 78%
HSV	243°, 45%, 100%
XYZ	39.6021, 32.4706, 98.7407
YIQ	155.7900, -33.0180, 36.7260

Conversions

Conversions Part 2

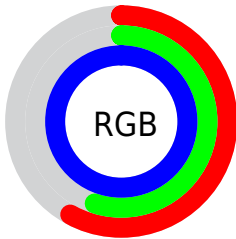
Format	Color
RYB	147, 141, 255
Decimal	9670143
CIELab	63.73, 29.78, -56.12
CIElCh	64, 63.535, 297.956
Yxy	32.4706, 0.2318, 0.1901
Android (android.graphics.Color)	4287860223 (0xFF938DFF)
YUV	155.7900, 48.9105, -7.7088
Hunter-Lab	56.9829, 24.3340, -62.8504

Details

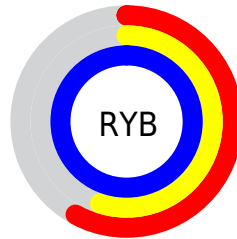
The YIQ color $155.7900, -33.0180, 36.7260$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $240.2100, 33.0180, -36.7260$, and the grayscale version is $155.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $204.8300, -13.3000, 20.7800$, and $102.6000, -35.5390, 32.8530$ is the 20% darker color. If you saturate the color by 10%, you get $133.9390, -40.4470, 44.7130$, and if you desaturate by 10%, it is $177.6410, -25.5890, 28.7390$.

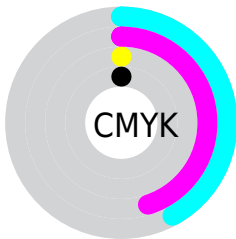
Distribution



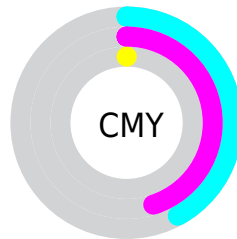
- Red (58%)
- Green (55%)
- Blue (100%)



- Red (58%)
- Yellow (55%)
- Blue (100%)



- Cyan (42%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7900, -33.0180, 36.7260 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 155.7900, -33.0180, 36.7260 by changing the saturation by 10% instead.

■ 155.7900,
-33.0180, 36.7260

■ 155.7900,
-33.0180, 36.7260

■ 255.0000, -0.0000,
-0.0000

■ 128.5510,
-33.8430, 35.1570

■ 204.8300,
-13.3000, 20.7800

■ 102.6000,
-35.5390, 32.8530

■ 230.2360, -3.1200,
12.4960

■ 76.3500, -37.8310,
30.3370

■ 252.6520, 1.1000,
2.0920

■ 48.6970, -46.3580,
25.1780

■ 28.0130, -44.4320,
23.3120

■ 11.5480, -29.7610,
27.2550

■ 10.5730, -22.8820,

18.2220

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 155.7900,
-33.0180, 36.7260

■ 155.7900,
-33.0180, 36.7260

■ 133.9390,
-40.4470, 44.7130

■ 177.6410,
-25.5890, 28.7390

■ 111.5010,
-47.6010, 53.2230

■ 200.0790,
-18.4350, 20.2290

■ 89.6500, -55.0300,
61.2100

■ 221.9300,
-11.0060, 12.2420

■ 66.9130, -62.7800,
69.5080

■ 244.6670, -3.2560,
3.9440

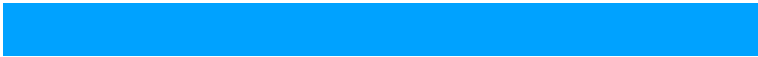
■ 45.0620, -70.2090, 255.0000, -0.0000,
77.4950 -0.0000

■ 32.9570, -74.1070,
82.0610

Harmonies

Analogous

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



124.1640, -126.4050, -5.4210



155.7900, -33.0180, 36.7260



158.0830, 29.6090, 52.6250

Triad

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



155.7900, -33.0180, 36.7260



150.1050, 82.9870, -0.6690



123.2330, -97.6040, -48.3240

Complementary

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



155.7900, -33.0180, 36.7260



240.2100, 33.0180, -36.7260

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.



126.8420, -51.3870, -54.4190



155.7900, -33.0180, 36.7260



146.5140, 61.5810, -31.2430

Square

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



155.7900, -33.0180, 36.7260



150.1380, 88.5290, 31.0650



142.1000, 18.3480, -46.1960



129.7310, -115.9010, -30.5970

Rectangle

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



155.7900, -33.0180, 36.7260



154.2360, 59.9150, 54.0510



142.1000, 18.3480, -46.1960



120.3660, -90.9090, -54.0210

Sweetspot

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



155.7900, -33.0180, 36.7260



226.3600, -9.4010, 10.6870



217.3920, -66.2940, -21.0300



109.6930, -6.1450, 6.7430



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.



155.7900, -33.0180, 36.7260



135.1240, -39.5300, 44.6140



172.8330, 0.9540, 48.8100



116.4820, -4.1730, 4.0430



24.7640, -55.3510, 61.5210



8.1930, -18.7560, 20.5400

Inverse Universe

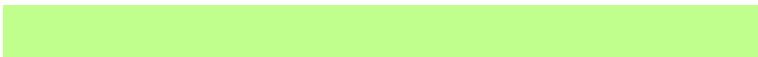
The Inverse Universe completely reimagines the original color for something new.



187.3980, 33.2760, 57.7560



173.1960, 40.1970, 69.9970



223.1670, -0.9540, -48.8100



120.2550, 3.8960, 6.4880



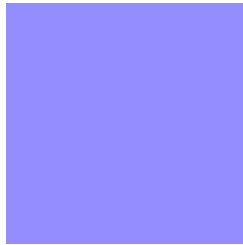
77.7430, 55.7350, 96.7830



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 155.7900, -33.0180, 36.7260 looks on a white background.

Color Contrast Check

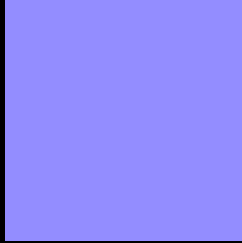
Large Text (above 18pt) WCAG AA × Fail

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 155.7900, -33.0180, 36.7260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

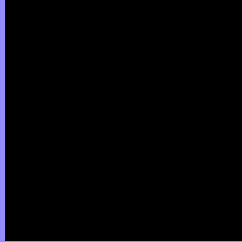
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.7900, -33.0180, 36.7260

Background



This preview shows how black text looks on a background with the YIQ color 155.7900, -33.0180, 36.7260.



This preview shows how white text looks on a background with the YIQ color 155.7900, -33.0180,

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

155.7900, -33.0180, 36.7260

Protanopia

150.8960, -57.2240, 23.8640

Deuteranopia

147.5200, -68.0890, 17.0230



Tritanopia

151.2020, -24.1160, -3.4760

Trichromacy



Original Color

155.7900, -33.0180, 36.7260

Protanomaly

152.4350, -48.3760, 28.7120

Deuteranomaly

150.6790, -55.1150, 24.1890

Tritanomaly

152.9050, -27.0530, 11.2110

Monochromacy



Original Color

155.7900, -33.0180, 36.7260

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.2720, -11.9690, 13.1750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7900, -33.0180, 36.7260 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(147, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 141, 255)  
}
```

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(147, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 141, 255) }
```

Border

The CSS property to change the border of an element to YIQ 155.7900, -33.0180, 36.7260 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(147, 141, 255) }
```


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

```
.border{ border-color:rgb(147, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 141,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7900, -33.0180, 36.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 141, 255) }
```

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

```
.background{ background-color: rgb(147,  
141, 255) }
```

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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