

Converting Colors

YIQ(147.5520, -35.5840,
28.1600)

Have a look what the booklet for
YIQ(147.5520, -35.5840, 28.1600)
contains.

YIQ(147.5520, -35.5840, 28.1600)	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(147.5520, -35.5840,
28.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	838BEB
RGB	131, 139, 235
RGB Percent	51%, 55%, 92%
CMY	0.4862, 0.4549, 0.0786
CMYK	0.44, 0.41, 0.00, 0.08
HSL	235°, 72%, 72%
HSV	235°, 44%, 92%
XYZ	33.5823, 29.2874, 82.4387
YIQ	147.5520, -35.5840, 28.1600

Conversions

Conversions Part 2

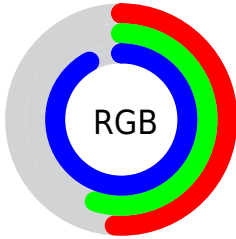
Format	Color
RYB	131, 138, 235
Decimal	8621035
CIELab	61.03, 21.43, -49.47
CIELCh	61, 53.911, 293.424
Yxy	29.2874, 0.2311, 0.2016
Android (android.graphics.Color)	4286811115 (0xFF838BEB)
YUV	147.5520, 43.1119, -14.5161
Hunter-Lab	54.1178, 16.0602, -52.4351

Details

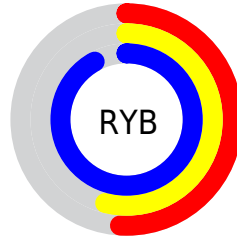
The YIQ color $147.5520, -35.5840, 28.1600$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $218.4480, 35.5840, -28.1600$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $197.9860, -22.6070, 18.7450$, and $94.7750, -37.8300, 24.8100$ is the 20% darker color. If you saturate the color by 10%, you get $127.7610, -43.2420, 34.7900$, and if you desaturate by 10%, it is $167.6420, -27.3300, 21.7420$.

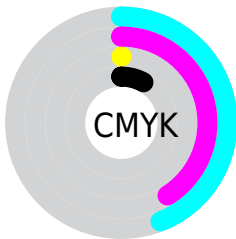
Distribution



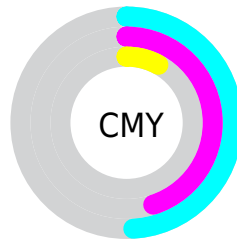
- Red (51%)
- Green (55%)
- Blue (92%)



- Red (51%)
- Yellow (54%)
- Blue (92%)



- Cyan (44%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.5520, -35.5840, 28.1600 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 147.5520, -35.5840, 28.1600 by changing the saturation by 10% instead.

■ 147.5520,
-35.5840, 28.1600

■ 147.5520,
-35.5840, 28.1600

■ 255.0000, -0.0000,
-0.0000

■ 121.1990,
-36.0880, 26.2800

■ 197.9860,
-22.6070, 18.7450

■ 94.7750, -37.8300,
24.8100

■ 223.0930,
-13.0230, 10.2490

■ 68.8130, -40.9930,
21.5590

■ 249.0860, -3.1180,
1.4420

■ 40.0780, -52.2250,
15.8630

■ 25.4880, -38.7000,
18.5480

■ 8.5500, -24.0750,
23.3250

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 147.5520,
-35.5840, 28.1600

■ 147.5520,
-35.5840, 28.1600

■ 127.7610,
-43.2420, 34.7900

■ 167.6420,
-27.3300, 21.7420

■ 108.2580,
-51.7710, 40.6850

■ 186.8460,
-19.3970, 15.6350

■ 88.4670, -59.4290,
47.3150

■ 206.6370,
-11.7390, 9.0050

■ 68.3770, -67.6830,
53.7330

■ 226.7270, -3.4850,
2.5870

■ 49.1730, -75.6160,
59.8400

■ 245.9310, 4.4480,
-3.5200

■ 37.3560, -80.3850,
63.6710

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



119.1600, -120.5820, -6.3260



147.5520, -35.5840, 28.1600



151.5280, 17.6900, 42.8580

Triad

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



147.5520, -35.5840, 28.1600



145.2920, 72.3950, 4.0670



115.1800, -90.0850, -46.9250

Complementary

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



147.5520, -35.5840, 28.1600



218.4480, 35.5840, -28.1600

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.



129.9100, -27.7310, -42.6030



147.5520, -35.5840, 28.1600



142.5430, 54.6100, -20.5420

Square

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



147.5520, -35.5840, 28.1600



145.5430, 74.0870, 28.4790



138.6910, 21.4180, -35.7500



120.7660, -105.8140, -31.6860

Rectangle

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



147.5520, -35.5840, 28.1600



150.1260, 45.2450, 44.5810



138.6910, 21.4180, -35.7500



112.6550, -84.3530, -51.6890

Sweetspot

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



147.5520, -35.5840, 28.1600



226.9360, -11.1430, 9.2170



202.8780, -59.0950, -24.8470



110.5680, -7.2910, 5.4850



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.



147.5520, -35.5840, 28.1600



141.2600, -46.0850, 36.7550



155.7130, -7.7560, 41.4600



107.2540, -3.5310, 3.4210



28.8520, -61.9510, 48.9690



8.5040, -18.4340, 14.7020

Inverse Universe

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



163.0080, 59.4160, 24.5360



161.5050, 77.2500, 31.7300



210.2870, 7.7560, -41.4600



109.2890, 6.5560, 2.3320



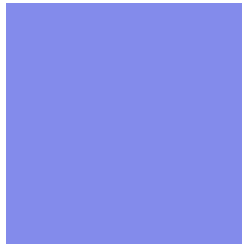
55.7150, 103.3820, 42.7260



16.6020, 30.9000, 12.6920

Previews

White Background



This preview shows how the YIQ color 147.5520, -35.5840, 28.1600 looks on a white background.

Color Contrast Check

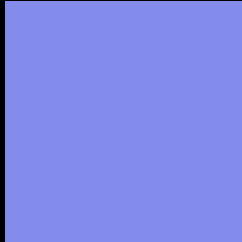
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5520, -35.5840, 28.1600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

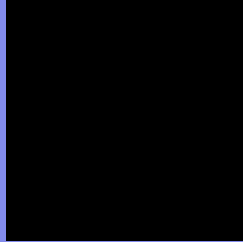
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.5520, -35.5840, 28.1600

Background



This preview shows how black text looks on a background with the YIQ color 147.5520, -35.5840, 28.1600.



This preview shows how white text looks on a background with the YIQ color 147.5520, -35.5840,

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

147.5520, -35.5840, 28.1600

Protanopia

144.3650, -51.3550, 22.1250

Deuteranopia

142.4520, -56.2140, 16.5700



Tritanopia

142.8100, -28.8840, -5.1720

Trichromacy



Original Color

147.5520, -35.5840, 28.1600

Protanomaly

145.4690, -45.7160, 24.5560

Deuteranomaly

144.3930, -48.5580, 20.9940

Tritanomaly

144.8180, -31.3620, 6.7020

Monochromacy



Original Color

147.5520, -35.5840, 28.1600

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0930, -13.0230, 10.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5520, -35.5840, 28.1600 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(131, 139, 235)` looks like.

```
.text, #text, p{  
    color:rgb(131, 139, 235)  
}
```

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(131, 139, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 139, 235) }
```

Border

The CSS property to change the border of an element to YIQ 147.5520, -35.5840, 28.1600 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(131, 139, 235) }
```


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

```
.border{ border-color:rgb(131, 139, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 139, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 139, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 139, 235);  
box-shadow:4px 4px 4px 4px rgb(131, 139,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5520, -35.5840, 28.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 139, 235) }
```

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

```
.background{ background-color: rgb(131,  
139, 235) }
```

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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