

Converting Colors

YIQ(144.5340, -36.3140, 8.3420)

Have a look what the booklet for
YIQ(144.5340, -36.3140, 8.3420)
contains.

YIQ(144.5340, -36.3140, 8.3420)	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(144.5340, -36.3140,
8.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	7395C7
RGB	115, 149, 199
RGB Percent	45%, 58%, 78%
CMY	0.5491, 0.4156, 0.2198
CMYK	0.42, 0.25, 0.00, 0.22
HSL	216°, 43%, 62%
HSV	216°, 42%, 78%
XYZ	28.1217, 29.2648, 58.1709
YIQ	144.5340, -36.3140, 8.3420

Conversions

Conversions Part 2

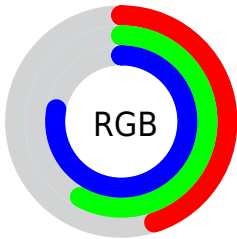
Format	Color
R_{YB}	115, 139, 199
Decimal	7574983
CIE _{Lab}	61.01, 1.21, -29.50
CIE _{LCh}	61, 29.526, 272.357
Yxy	29.2648, 0.2434, 0.2532
Android (android.graphics.Color)	4285765063 (0xFF7395C7)
YUV	144.5340, 26.8517, -25.9013
Hunter-Lab	54.0969, -1.8785, -25.8872

Details

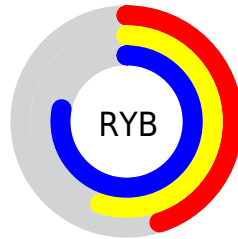
The YIQ color $144.5340, -36.3140, 8.3420$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $169.4660, 36.3140, -8.3420$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $199.0610, -36.3600, 9.1760$, and $92.8820, -37.4140, 6.2500$ is the 20% darker color. If you saturate the color by 10%, you get $131.5100, -44.9340, 10.3780$, and if you desaturate by 10%, it is $157.5580, -27.6940, 6.3060$.

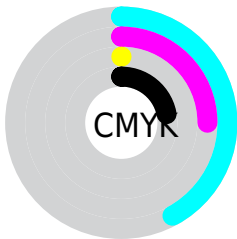
Distribution



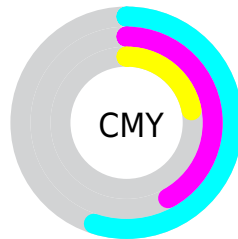
- Red (45%)
- Green (58%)
- Blue (78%)



- Red (45%)
- Yellow (55%)
- Blue (78%)



- Cyan (42%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5340, -36.3140, 8.3420 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 144.5340, -36.3140, 8.3420 by changing the saturation by 10% instead.

■ 144.5340,
-36.3140, 8.3420

■ 144.5340,
-36.3140, 8.3420

■ 255.0000, -0.0000,
-0.0000

■ 118.1210,
-36.5890, 7.8190

■ 199.0610,
-36.3600, 9.1760

■ 92.8820, -37.4140,
6.2500

■ 223.8690,
-27.3720, 0.4680

■ 67.1590, -39.7520,
4.5680

■ 246.6280,
-16.6880, -5.9360

■ 41.2400, -44.4740,
2.0380

■ 26.7640, -31.2700,
5.0340

■ 8.9940, -17.0580,
11.7900

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 144.5340,
-36.3140, 8.3420

■ 144.5340,
-36.3140, 8.3420

■ 131.5100,
-44.9340, 10.3780

■ 157.5580,
-27.6940, 6.3060

■ 118.4860,
-53.5540, 12.4140

■ 170.5820,
-19.0740, 4.2700

■ 106.0490,
-62.4490, 13.9270

■ 183.6060,
-10.4540, 2.2340

■ 93.0250, -71.0690,
15.9630

■ 196.0430, -1.5590,
0.7210

■ 80.3000, -79.0930,
18.2110

■ 208.7680, 6.4650,
-1.5270

■ 70.2330, -86.1540,
19.5260

■ 221.7920, 15.0850,
-3.5630

■ 234.8160, 23.7050,
-5.5990

■ 242.1590, 21.0010,
-11.6630

■ 248.6160, 17.9760,
-17.4160

Harmonies

Analogous

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



136.2980, -59.5570, -5.4530



144.5340, -36.3140, 8.3420



149.7010, -8.6230, 18.6170

Triad

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



144.5340, -36.3140, 8.3420



149.3060, 43.4170, 11.6170



138.6360, -20.3070, -22.9550

Complementary

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



144.5340, -36.3140, 8.3420



169.4660, 36.3140, -8.3420

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.



142.3910, 5.3680, -20.2000



144.5340, -36.3140, 8.3420



147.3620, 39.8430, -0.7090

Square

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



144.5340, -36.3140, 8.3420



150.0960, 35.6210, 20.7490



145.2690, 26.5030, -12.2570



133.5050, -47.6790, -22.4870

Rectangle

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



144.5340, -36.3140, 8.3420



151.0900, 9.3950, 22.4750



145.2690, 26.5030, -12.2570



140.2410, -11.8250, -22.4890

Sweetspot

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



144.5340, -36.3140, 8.3420



233.3930, -14.1680, 3.4640



169.8940, -38.8290, -28.6930



114.0900, -8.9410, 2.3470



0.0000, 0.0000, 0.0000



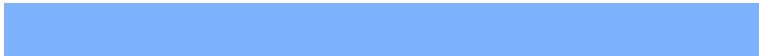
128.0000, -0.0000, -0.0000

Same Dimension

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



144.5340, -36.3140, 8.3420



170.9310, -56.3050, 12.7110



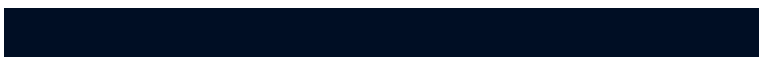
126.6690, -22.7920, 27.6080



93.3740, -3.9890, 0.7070



57.3240, -70.4730, 16.1750



12.3220, -15.4060, 3.8740

Inverse Universe

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



143.9920, 39.1500, 28.3820



169.9120, 60.4670, 44.0430



187.3310, 22.7920, -27.6080



93.1470, 4.0800, 3.1520



56.2610, 75.9620, 55.0820



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 144.5340, -36.3140, 8.3420 looks on a white background.

Color Contrast Check

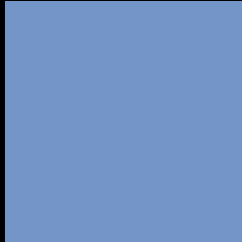
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.5340, -36.3140, 8.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

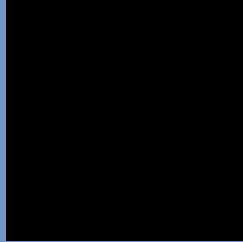
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

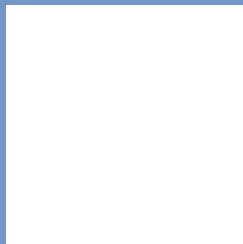
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 144.5340, -36.3140, 8.3420

Background



This preview shows how black text looks on a background with the YIQ color 144.5340, -36.3140, 8.3420.

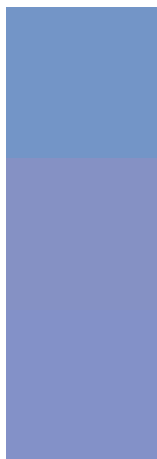


This preview shows how white text looks on a background with the YIQ color 144.5340, -36.3140,

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

144.5340, -36.3140, 8.3420

Protanopia

147.2260, -23.5230, 13.3170

Deuteranopia

147.0840, -25.9990, 14.1370



Tritanopia

141.7170, -33.0560, -6.6560

Trichromacy



Original Color

144.5340, -36.3140, 8.3420

Protanomaly

145.8340, -28.2910, 11.6210

Deuteranomaly

145.8770, -29.8500, 12.3420

Tritanomaly

142.8080, -34.5700, -1.2420

Monochromacy



Original Color

144.5340, -36.3140, 8.3420

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.5780, -13.2510, 3.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5340, -36.3140, 8.3420 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(115, 149, 199)` looks like.

```
.text, #text, p{  
    color:rgb(115, 149, 199)  
}
```

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(115, 149, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 149, 199) }
```

Border

The CSS property to change the border of an element to YIQ 144.5340, -36.3140, 8.3420 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(115, 149, 199) }
```


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

```
.border{ border-color:rgb(115, 149, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 149, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 149, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 149, 199);  
box-shadow:4px 4px 4px 4px rgb(115, 149,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5340, -36.3140, 8.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 149, 199) }
```

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

```
.background{ background-color: rgb(115,  
149, 199) }
```

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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