

Converting Colors

YIQ(225.5640, -36.9990,
-6.7830)

Have a look what the booklet for
YIQ(225.5640, -36.9990, -6.7830)
contains.

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Color

**YIQ(225.5640, -36.9990,
-6.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	BAF0FF
RGB	186, 240, 255
RGB Percent	73%, 94%, 100%
CMY	0.2707, 0.0587, 0.0002
CMYK	0.27, 0.06, 0.00, 0.00
HSL	193°, 100%, 86%
HSV	193°, 27%, 100%
XYZ	69.4526, 79.9863, 106.3520
YIQ	225.5640, -36.9990, -6.7830

Conversions

Conversions Part 2

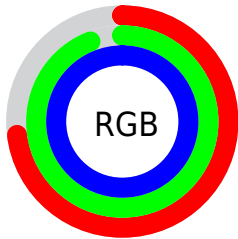
Format	Color
R _Y B	186, 216, 255
Decimal	12251391
CIE Lab	91.68, -13.78, -12.79
CIE LCh	92, 18.797, 222.858
Yxy	79.9863, 0.2715, 0.3127
Android (android.graphics.Color)	4290441471 (0xFFBAF0FF)
YUV	225.5640, 14.5119, -34.6976
Hunter-Lab	89.4350, -17.8935, -7.9004

Details

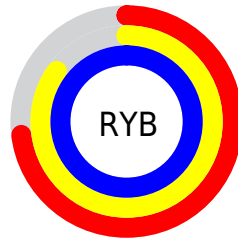
The YIQ color $225.5640, -36.9990, -6.7830$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.4360, 36.9990, 6.7830$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4120, -7.1520, -2.5440$, and $169.7490, -36.0820, -6.8820$ is the 20% darker color. If you saturate the color by 10%, you get $214.8550, -51.1200, -9.6800$, and if you desaturate by 10%, it is $236.5610, -23.7490, -4.6210$.

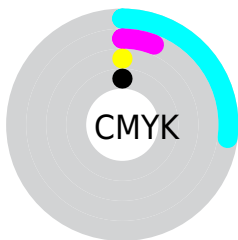
Distribution



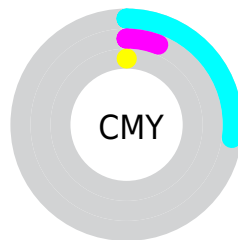
- Red (73%)
- Green (94%)
- Blue (100%)



- Red (73%)
- Yellow (85%)
- Blue (100%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.5640, -36.9990, -6.7830 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 225.5640, -36.9990, -6.7830 by changing the saturation by 10% instead.

■ 225.5640,
-36.9990, -6.7830

■ 225.5640,
-36.9990, -6.7830

■ 255.0000, -0.0000,
-0.0000

■ 197.4500,
-36.6780, -7.0940

■ 251.4120, -7.1520,
-2.5440

■ 169.7490,
-36.0820, -6.8820

■ 142.7490,
-36.0820, -6.8820

■ 116.6350,
-35.7610, -7.1930

■ 91.3360, -36.3570,
-7.4050

■ 65.1400, -38.7410,
-8.2530

■ 42.0260, -38.4200,

-8.5640

■ 27.1910, -25.5830,
-4.4230

■ 10.7090, -12.2420,
1.5980

■ 225.5640,
-36.9990, -6.7830

■ 225.5640,
-36.9990, -6.7830

■ 214.8550,
-51.1200, -9.6800

■ 236.5610,
-23.7490, -4.6210

■ 203.8580,
-64.3700, -11.8420

■ 247.2700, -9.6280,
-1.7240

■ 192.5620,
-78.2160, -14.2160

■ 255.0000, -0.0000,
-0.0000

■ 182.1520,
-91.7410, -16.9010

■ 170.8560,
-105.5870, -19.2750

■ 160.4460,
-119.1120, -21.9600

■ 149.4490,
-132.3620, -24.1220

■ 146.4700,
-136.8550, -25.2950

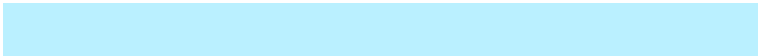
Harmonies

Analogous

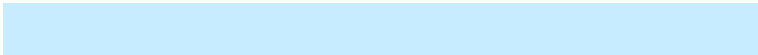
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.8000, -32.0920, -13.1160



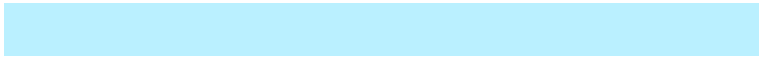
225.5640, -36.9990, -6.7830



227.1030, -28.1510, -1.9350

Triad

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



225.5640, -36.9990, -6.7830



232.9730, 13.7980, 14.2620



229.3910, 14.5360, -10.1360

Complementary

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



225.5640, -36.9990, -6.7830



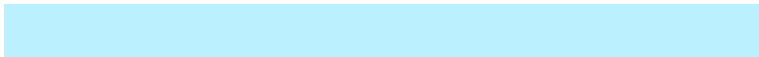
215.4360, 36.9990, 6.7830

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.



231.3650, 26.5930, -2.8710



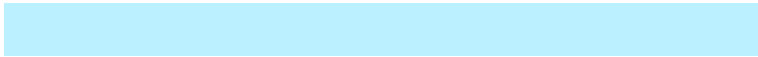
225.5640, -36.9990, -6.7830



230.3340, 19.8510, 9.1870

Square

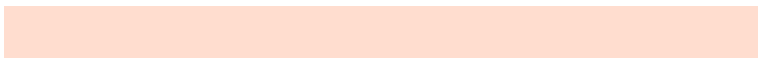
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.5640, -36.9990, -6.7830



233.5140, 1.9690, 13.8810



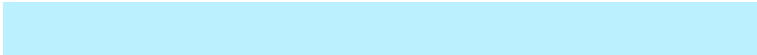
229.5700, 24.7580, 2.8540



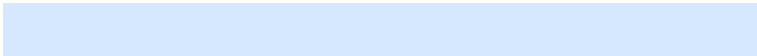
227.8450, -1.6020, -15.0260

Rectangle

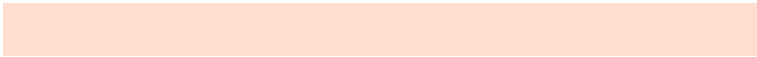
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



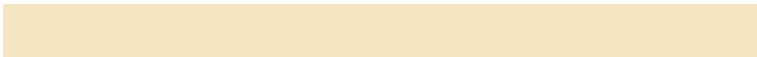
225.5640, -36.9990, -6.7830



229.2400, -18.1110, 3.3370



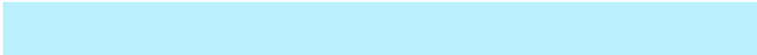
229.5700, 24.7580, 2.8540



230.1960, 19.5790, -7.9170

Sweetspot

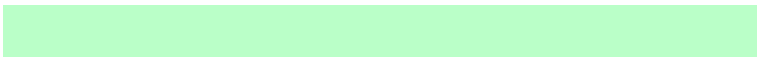
The Sweet Spot groups the original color and five complimentary colors.



225.5640, -36.9990, -6.7830



246.6720, -10.8200, -2.1480



228.0990, -23.4690, -31.7330



122.3520, -6.9230, -1.1870



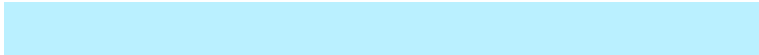
0.0000, 0.0000, 0.0000



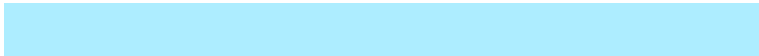
128.0000, -0.0000, -0.0000

Same Dimension

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



225.5640, -36.9990, -6.7830



219.9160, -43.9220, -7.9700



206.1930, -27.9240, 10.4760



122.3520, -6.9230, -1.1870



109.8240, -102.5610, -19.0490



36.6460, -34.2940, -6.2460

Inverse Universe

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



212.7870, 23.7900, 31.4220



204.8140, 28.3280, 37.2880



234.8070, 27.9240, -10.4760



120.0270, 4.5380, 5.8660



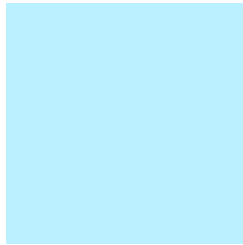
74.2090, 65.6860, 87.1420



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 225.5640, -36.9990, -6.7830 looks on a white background.

Color Contrast Check

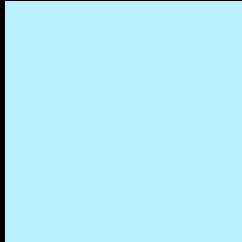
Large Text (above 18pt) WCAG AA × Fail

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 225.5640, -36.9990, -6.7830 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 225.5640, -36.9990, -6.7830

Background



This preview shows how black text looks on a background with the YIQ color 225.5640, -36.9990, -6.7830.



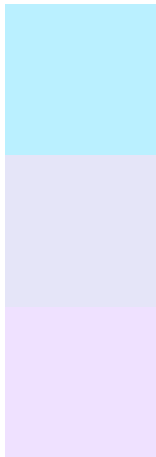
This preview shows how white text looks on a background with the YIQ color 225.5640, -36.9990, -6.7830.

-6.7830.

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

225.5640, -36.9990, -6.7830

Protanopia

231.1660, -6.0990, 5.9090

Deuteranopia

232.6060, -1.2860, 12.2980



Tritanopia

226.4830, -32.2770, -4.2530

Trichromacy



Original Color

225.5640, -36.9990, -6.7830

Protanomaly

229.0720, -17.6980, 1.3580

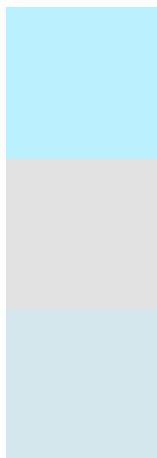
Deuteranomaly

229.8600, -13.9850, 5.6550

Tritanomaly

226.1730, -34.3400, -5.4120

Monochromacy



Original Color

225.5640, -36.9990, -6.7830

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.7040, -13.8460, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.5640, -36.9990, -6.7830 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(186, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 240, 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(186, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 240, 255) }
```

Border

The CSS property to change the border of an element to YIQ 225.5640, -36.9990, -6.7830 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(186, 240, 255) }
```


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

```
.border{ border-color:rgb(186, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 225.5640, -36.9990, -6.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 240, 255) }
```

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

```
.background{ background-color: rgb(186,  
240, 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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