

Converting Colors

YIQ(145.4270, -81.4290, 5.4750)

Have a look what the booklet for
YIQ(145.4270, -81.4290, 5.4750)
contains.

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Color

**YIQ(145.4270, -81.4290,
5.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	47A4F5
RGB	71, 164, 245
RGB Percent	28%, 64%, 96%
CMY	0.7217, 0.3567, 0.0396
CMYK	0.71, 0.33, 0.00, 0.04
HSL	208°, 90%, 62%
HSV	208°, 71%, 96%
XYZ	32.3442, 34.4895, 91.2599
YIQ	145.4270, -81.4290, 5.4750

Conversions

Conversions Part 2

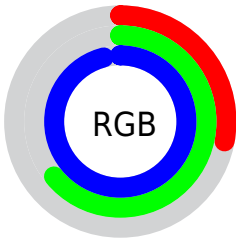
Format	Color
R _Y B	71, 132, 245
Decimal	4695285
CIE Lab	65.35, -1.57, -48.31
CIE LCh	65, 48.337, 268.145
Yxy	34.4895, 0.2046, 0.2182
Android (android.graphics.Color)	4282885365 (0xFF47A4F5)
YUV	145.4270, 49.0895, -65.2725
Hunter-Lab	58.7278, -4.4649, -51.0241

Details

The YIQ color **145.4270, -81.4290, 5.4750** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **170.5730, 81.4290, -5.4750**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.8850, -59.8320, -5.9760**, and **87.7630, -91.4230, -0.6310** is the 20% darker color. If you saturate the color by 10%, you get **131.4950, -93.3040, 5.9280**, and if you desaturate by 10%, it is **159.0600, -70.1500, 4.8100**.

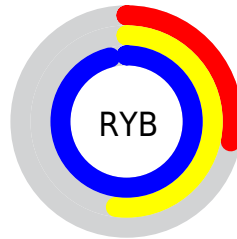
Distribution



Red (28%)

Green (64%)

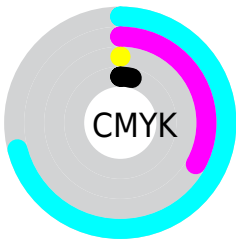
Blue (96%)



Red (28%)

Yellow (52%)

Blue (96%)

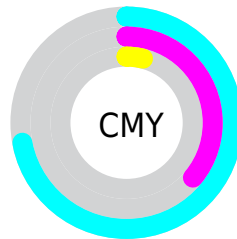


Cyan (71%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (72%)

Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.4270, -81.4290, 5.4750 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 145.4270, -81.4290, 5.4750 by changing the saturation by 10% instead.

■ 145.4270,
-81.4290, 5.4750

■ 145.4270,
-81.4290, 5.4750

■ 255.0000, -0.0000,
-0.0000

■ 111.6100,
-95.3660, -0.7580

■ 198.8850,
-59.8320, -5.9760

■ 87.7630, -91.4230,
-0.6310

■ 224.5900,
-49.0560, -14.0480

■ 70.5970, -76.1560,
3.5240

■ 238.5550,
-32.7800, -11.6600

■ 54.0180, -61.1640,
7.1560

■ 247.5250,
-14.9000, -5.3000

■ 38.1400, -46.7680,
10.5760

■ 24.2510, -33.8390,
13.0490

■ 10.3620, -20.9100,

15.5220

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 145.4270,
-81.4290, 5.4750

■ 145.4270,
-81.4290, 5.4750

■ 131.4950,
-93.3040, 5.9280

■ 159.0600,
-70.1500, 4.8100

■ 117.2750,
-104.3080, 7.1160

■ 173.5790,
-58.5500, 3.8340

■ 104.8270,
-114.6700, 7.6820

■ 187.2120,
-47.2710, 3.1690

■ 201.7310,
-35.6710, 2.1930

■ 215.3640,
-24.3920, 1.5280

■ 229.2960,
-12.5170, 1.0750

■ 243.5160, -1.5130,
-0.1130

■ 253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



129.0590, -122.2760, -19.6840



145.4270, -81.4290, 5.4750



160.6090, -22.5630, 28.9650

Triad

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



145.4270, -81.4290, 5.4750



158.8040, 68.6780, 21.8780



142.2780, -31.5830, -38.8710

Complementary

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



145.4270, -81.4290, 5.4750



170.5730, 81.4290, -5.4750

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.



150.3790, 13.6690, -32.9790



145.4270, -81.4290, 5.4750



157.7640, 65.0140, 0.1660

Square

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



145.4270, -81.4290, 5.4750



160.7600, 54.7830, 36.9190



154.4650, 46.0820, -20.1740



123.2160, -98.9340, -46.2460

Rectangle

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



145.4270, -81.4290, 5.4750



163.4620, 8.8880, 37.1760



154.4650, 46.0820, -20.1740



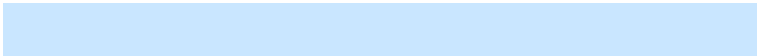
146.0150, -14.6650, -37.1050

Sweetspot

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



145.4270, -81.4290, 5.4750



224.1790, -25.3090, 1.6270



182.0300, -72.8880, -66.7440



109.6270, -14.9470, 1.0610



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.



145.4270, -81.4290, 5.4750



130.8300, -101.5570, 6.8190



96.1190, -58.3290, 49.4070



115.4770, -5.7770, 0.0710



79.9040, -87.2060, 5.5460



24.9230, -27.4640, 2.1360

Inverse Universe

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



133.6280, 73.8510, 65.8110



116.1070, 92.0960, 82.0800



219.8810, 58.3290, -49.4070



114.3860, 4.9050, 4.7210



67.0140, 78.7560, 70.5320



21.1750, 25.2130, 22.1490

Previews

White Background



This preview shows how the YIQ color 145.4270, -81.4290, 5.4750 looks on a white background.

Color Contrast Check

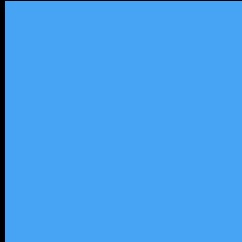
Large Text (above 18pt) WCAG AA × Fail

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 145.4270, -81.4290, 5.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

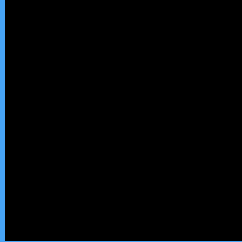
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

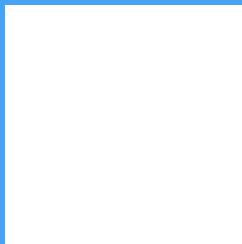
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 145.4270, -81.4290, 5.4750

Background



This preview shows how black text looks on a background with the YIQ color 145.4270, -81.4290, 5.4750.

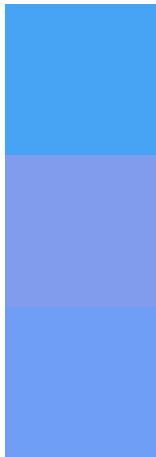


This preview shows how white text looks on a background with the YIQ color 145.4270, -81.4290,

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

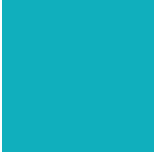
145.4270, -81.4290, 5.4750

Protanopia

156.5740, -41.8180, 19.9900

Deuteranopia

153.6800, -56.8560, 17.1920



Tritanopia

129.0550, -99.2580, -29.3540

Trichromacy



Original Color

145.4270, -81.4290, 5.4750

Protanomaly

152.3980, -56.1220, 14.9020

Deuteranomaly

150.6680, -65.7500, 13.1780

Tritanomaly

134.9670, -92.6580, -16.8020

Monochromacy



Original Color

145.4270, -81.4290, 5.4750

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1400, -29.5730, 1.8110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.4270, -81.4290, 5.4750 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(71, 164, 245)` looks like.

```
.text, #text, p{  
    color:rgb(71, 164, 245)  
}
```

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(71, 164, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 164, 245) }
```

Border

The CSS property to change the border of an element to YIQ 145.4270, -81.4290, 5.4750 is called "border". The border property can be set on classes, ids or directly on the HTML element.

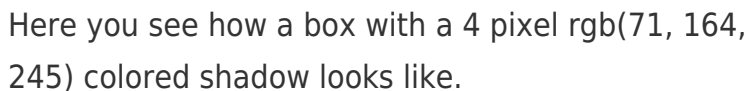
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 164, 245) }
```


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

```
.border{ border-color:rgb(71, 164, 245) }
```

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



Here you see how a box with a 4 pixel rgb(71, 164, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(71, 164, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(71, 164, 245); box-shadow:4px 4px 4px 4px rgb(71, 164, 245) }
```

Background

The CSS property to change the background color of an element to YIQ 145.4270, -81.4290, 5.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 164, 245) }
```

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

```
.background{ background-color: rgb(71, 164,  
245) }
```

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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