

Converting Colors

YIQ(220.3080, -48.3220,
-16.3380)

Have a look what the booklet for
YIQ(220.3080, -48.3220, -16.3380)
contains.

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Color

**YIQ(220.3080, -48.3220,
-16.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F4F6
RGB	164, 244, 246
RGB Percent	64%, 96%, 96%
CMY	0.3570, 0.0430, 0.0355
CMYK	0.33, 0.01, 0.00, 0.04
HSL	181°, 82%, 80%
HSV	181°, 33%, 96%
XYZ	64.2877, 79.2598, 99.0595
YIQ	220.3080, -48.3220, -16.3380

Conversions

Conversions Part 2

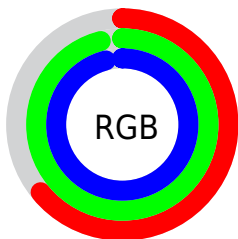
Format	Color
RYB	164, 204, 246
Decimal	10810614
CIELab	91.35, -23.82, -8.71
CIELCh	91, 25.363, 200.074
Yxy	79.2598, 0.2650, 0.3267
Android (android.graphics.Color)	4289000694 (0xFFA4F4F6)
YUV	220.3080, 12.6662, -49.3821
Hunter-Lab	89.0280, -26.9029, -3.6511

Details

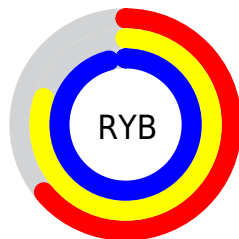
The YIQ color **220.3080, -48.3220, -16.3380** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.6920, 48.3220, 16.3380**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, -19.6680, -6.9960**, and **164.3080, -48.3220, -16.3380** is the 20% darker color. If you saturate the color by 10%, you get **212.2460, -62.9470, -21.1150**, and if you desaturate by 10%, it is **228.3700, -33.6970, -11.5610**.

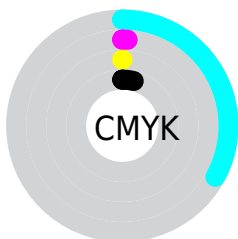
Distribution



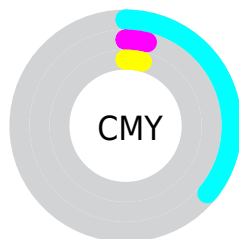
- Red (64%)
- Green (96%)
- Blue (96%)



- Red (64%)
- Yellow (80%)
- Blue (96%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.3080, -48.3220, -16.3380 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 220.3080, -48.3220, -16.3380 by changing the saturation by 10% instead.

220.3080,
-48.3220, -16.3380

220.3080,
-48.3220, -16.3380

255.0000, -0.0000,
-0.0000

191.6070,
-47.7260, -16.1260

244.8340,
-20.2640, -7.2080

164.3080,
-48.3220, -16.3380

253.8040, -2.3840,
-0.8480

136.4220,
-48.6430, -16.0270

109.4110,
-50.1100, -16.9740

80.8230, -57.2620,
-19.5180

59.2260, -51.0270,
-16.8750

42.5160, -37.0440,

-11.4760

■ 27.0940, -23.9320,
-6.8120

■ 8.3780, -9.8120,
1.6120

■ 220.3080,
-48.3220, -16.3380

■ 220.3080,
-48.3220, -16.3380

■ 212.2460,
-62.9470, -21.1150

■ 228.3700,
-33.6970, -11.5610

■ 205.0700,
-77.2510, -26.2030

■ 235.5460,
-19.3930, -6.4730

■ 197.0080,
-91.8760, -30.9800

■ 243.6080, -4.7680,
-1.6960

■ 189.8320,
-106.1800, -36.0680

■ 248.6910, 5.3640,
1.9080

■ 181.7700,
-120.8050, -40.8450

■ 249.2780, 5.0890,
1.3850

■ 174.2950,
-135.7050, -46.1450

■ 249.8650, 4.8140,
0.8620

■ 168.9240,
-144.9660, -49.0140

■ 250.4520, 4.5390,
0.3390

Harmonies

Analogous

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



221.6440, -31.9530, -21.1450



220.3080, -48.3220, -16.3380



220.7690, -48.0020, -11.1220

Triad

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



220.3080, -48.3220, -16.3380



233.5690, 9.3040, 18.6160



229.7690, 31.0870, -7.2250

Complementary

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



220.3080, -48.3220, -16.3380



189.6920, 48.3220, 16.3380

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.



226.3270, 29.7560, 0.3800



220.3080, -48.3220, -16.3380



229.1090, 16.4110, 16.4670

Square

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



220.3080, -48.3220, -16.3380



229.2950, -10.7760, 8.0720



226.3730, 24.1150, 9.0030



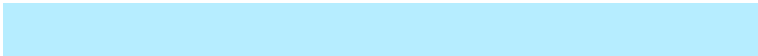
227.7020, 14.8580, -15.9740

Rectangle

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



220.3080, -48.3220, -16.3380



222.6070, -38.5580, -6.0620



226.3730, 24.1150, 9.0030



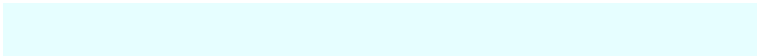
228.2360, 31.2700, -5.0340

Sweetspot

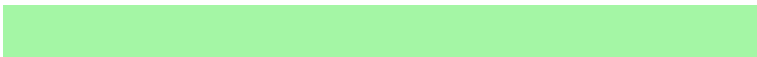
The Sweet Spot groups the original color and five complimentary colors.



220.3080, -48.3220, -16.3380



246.9380, -14.6250, -4.7770



212.2480, -22.8710, -42.5750



122.6290, -9.2610, -2.8690



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.



220.3080, -48.3220, -16.3380



223.3280, -60.2420, -20.5780



196.8280, -37.3220, 4.5820



118.4120, -7.1520, -2.5440



128.0380, -109.7560, -37.3400



40.1850, -34.6140, -11.4620

Inverse Universe

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



197.6380, 23.1920, 42.2640



194.8980, 28.6920, 52.7240



213.1720, 37.3220, -4.5820



114.9560, 3.3000, 6.2760



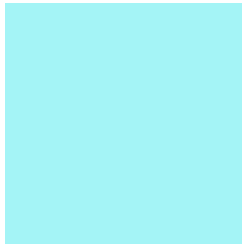
76.3620, 52.4340, 96.0340



24.1390, 16.8670, 30.2350

Previews

White Background



This preview shows how the YIQ color 220.3080, -48.3220, -16.3380 looks on a white background.

Color Contrast Check

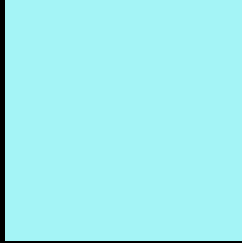
Large Text (above 18pt) WCAG AA × Fail

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 220.3080, -48.3220, -16.3380 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 220.3080, -48.3220, -16.3380 Background



This preview shows how black text looks on a background with the YIQ color 220.3080, -48.3220, -16.3380.



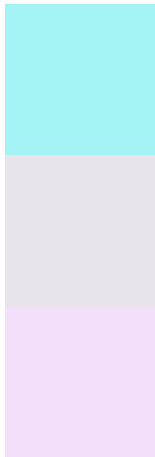
This preview shows how white text looks on a background with the YIQ color 220.3080, -48.3220,

-16.3380.

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

220.3080, -48.3220, -16.3380

Protanopia

229.8090, -0.7800, 3.1240

Deuteranopia

231.7590, 2.6570, 12.4250



Tritanopia

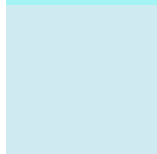
223.7810, -39.1080, -7.1080

Trichromacy



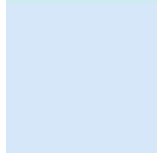
Original Color

220.3080, -48.3220, -16.3380



Protanomaly

226.6110, -18.0180, -3.8580



Deuteranomaly

227.9690, -15.9100, 1.9940



Tritanomaly

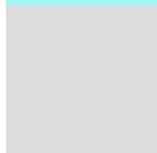
222.5200, -42.8670, -10.5710

Monochromacy



Original Color

220.3080, -48.3220, -16.3380



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.3290, -17.2840, -6.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.3080, -48.3220, -16.3380 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(164, 244, 246)` looks like.

```
.text, #text, p{  
    color:rgb(164, 244, 246)  
}
```

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(164, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 244, 246) }
```

Border

The CSS property to change the border of an element to YIQ 220.3080, -48.3220, -16.3380 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(164, 244, 246) }
```


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

```
.border{ border-color:rgb(164, 244, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 244, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 244, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 244, 246);  
box-shadow:4px 4px 4px 4px rgb(164, 244,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 220.3080, -48.3220, -16.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 244, 246) }
```

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

```
.background{ background-color: rgb(164,  
244, 246) }
```

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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