

Converting Colors

YIQ(161.4510, -46.4460, 4.7380)

Have a look what the booklet for
YIQ(161.4510, -46.4460, 4.7380)
contains.

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Color

**YIQ(161.4510, -46.4460,
4.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	78ABDD
RGB	120, 171, 221
RGB Percent	47%, 67%, 87%
CMY	0.5295, 0.3293, 0.1336
CMYK	0.46, 0.23, 0.00, 0.13
HSL	210°, 60%, 67%
HSV	210°, 46%, 87%
XYZ	35.3531, 38.3428, 73.9045
YIQ	161.4510, -46.4460, 4.7380

Conversions

Conversions Part 2

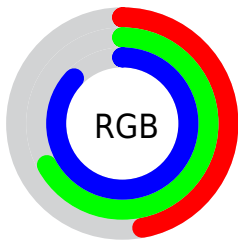
Format	Color
R _{YB}	120, 154, 221
Decimal	7908317
CIE Lab	68.27, -3.66, -30.47
CIE LCh	68, 30.687, 263.150
Yxy	38.3428, 0.2395, 0.2598
Android (android.graphics.Color)	4286098397 (0xFF78ABDD)
YUV	161.4510, 29.3577, -36.3525
Hunter-Lab	61.9216, -6.4512, -27.4185

Details

The YIQ color **161.4510, -46.4460, 4.7380** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **179.5490, 46.4460, -4.7380**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3560, -39.1090, -1.5810**, and **107.9130, -47.8670, 2.9570** is the 20% darker color. If you saturate the color by 10%, you get **148.4160, -56.5330, 5.8270**, and if you desaturate by 10%, it is **174.4860, -36.3590, 3.6490**.

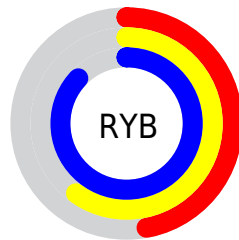
Distribution



Red (47%)

Green (67%)

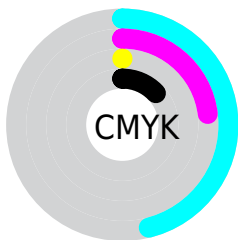
Blue (87%)



Red (47%)

Yellow (60%)

Blue (87%)

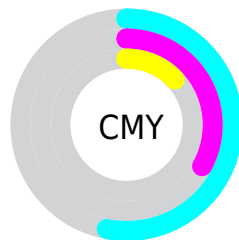


Cyan (46%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (53%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.4510, -46.4460, 4.7380 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 161.4510, -46.4460, 4.7380 by changing the saturation by 10% instead.

■ 161.4510,
-46.4460, 4.7380

■ 161.4510,
-46.4460, 4.7380

■ 255.0000, -0.0000,
-0.0000

■ 134.6250,
-46.9960, 3.6920

■ 214.3560,
-39.1090, -1.5810

■ 107.9130,
-47.8670, 2.9570

■ 240.0500,
-29.8000, -10.6000

■ 80.2930, -51.9930,
0.6390

■ 248.7210,
-12.5160, -4.4520

■ 54.5590, -55.7980,
-1.9900

■ 38.9090, -42.0440,
2.0520

■ 23.8460, -28.5650,
5.5710

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 161.4510,
-46.4460, 4.7380

■ 161.4510,
-46.4460, 4.7380

■ 148.4160,
-56.5330, 5.8270

■ 174.4860,
-36.3590, 3.6490

■ 135.3810,
-66.6200, 6.9160

■ 187.5210,
-26.2720, 2.5600

■ 122.3460,
-76.7070, 8.0050

■ 200.5560,
-16.1850, 1.4710

■ 109.3110,
-86.7940, 9.0940

■ 213.5910, -6.0980,
0.3820

■ 96.2760, -96.8810,
10.1830

■ 226.6260, 3.9890,
-0.7070

■ 90.9380,
-101.7410, 10.1550

■ 239.9600, 14.6720,
-1.5840

■ 246.4280, 13.1140,
-6.3900

■ 251.1240, 10.9140,
-10.5740

Harmonies

Analogous

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



153.5420, -66.2960, -9.9760



161.4510, -46.4460, 4.7380



167.9710, -18.2510, 16.8930

Triad

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



161.4510, -46.4460, 4.7380



169.3110, 45.0210, 15.5890



159.0020, -12.6500, -24.0580

Complementary

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



161.4510, -46.4460, 4.7380



179.5490, 46.4460, -4.7380

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.



162.5230, 13.8040, -18.9000



161.4510, -46.4460, 4.7380



167.2210, 44.7940, 3.1780

Square

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



161.4510, -46.4460, 4.7380



170.1220, 32.7320, 23.5480



165.8570, 33.6550, -9.7130



153.9740, -41.8100, -24.2260

Rectangle

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



161.4510, -46.4460, 4.7380



170.1970, 1.7840, 22.7440



165.8570, 33.6550, -9.7130



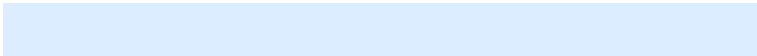
160.0200, -3.8930, -23.0690

Sweetspot

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



161.4510, -46.4460, 4.7380



233.6700, -16.5060, 1.7820



184.8730, -43.5040, -37.5840



114.9650, -10.0870, 1.0890



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.



161.4510, -46.4460, 4.7380



172.6370, -64.4650, 6.4070



132.6880, -32.9710, 30.3650



103.1890, -4.9060, 0.8060



71.3780, -79.7330, 7.7790



18.7450, -21.0910, 2.2770

Inverse Universe

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



156.0130, 43.8250, 37.2730



164.9540, 60.6490, 51.7610



208.3120, 32.9710, -30.3650



102.8590, 4.9510, 3.8870



61.7590, 74.8600, 64.0440



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 161.4510, -46.4460, 4.7380 looks on a white background.

Color Contrast Check

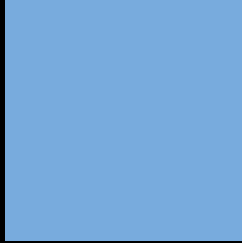
Large Text (above 18pt) WCAG AA × Fail

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 161.4510, -46.4460, 4.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

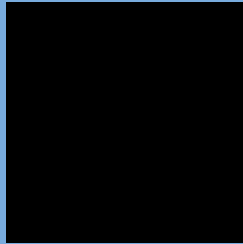
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.4510, -46.4460, 4.7380

Background



This preview shows how black text looks on a background with the YIQ color 161.4510, -46.4460, 4.7380.



This preview shows how white text looks on a background with the YIQ color 161.4510, -46.4460,

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

161.4510, -46.4460, 4.7380

Protanopia

166.3400, -23.8440, 13.6280

Deuteranopia

165.9530, -27.0080, 15.9040



Tritanopia

158.2750, -43.5550, -9.1150

Trichromacy



Original Color

161.4510, -46.4460, 4.7380

Protanomaly

164.7410, -32.4630, 10.1370

Deuteranomaly

164.3110, -34.0680, 11.6920

Tritanomaly

159.2520, -44.7480, -4.0120

Monochromacy



Original Color

161.4510, -46.4460, 4.7380

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

161.3710, -17.1020, 1.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.4510, -46.4460, 4.7380 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(120, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(120, 171, 221)  
}
```

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(120, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 171, 221) }
```

Border

The CSS property to change the border of an element to YIQ 161.4510, -46.4460, 4.7380 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(120, 171, 221) }
```


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

```
.border{ border-color:rgb(120, 171, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(120, 171,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 161.4510, -46.4460, 4.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 171, 221) }
```

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

```
.background{ background-color: rgb(120,  
171, 221) }
```

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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