

Converting Colors

YIQ(147.1300, -40.8080,
12.6960)

Have a look what the booklet for
YIQ(147.1300, -40.8080, 12.6960)
contains.

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Color

**YIQ(147.1300, -40.8080,
12.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	7496D6
RGB	116, 150, 214
RGB Percent	45%, 59%, 84%
CMY	0.5451, 0.4117, 0.1610
CMYK	0.46, 0.30, 0.00, 0.16
HSL	219°, 54%, 65%
HSV	219°, 46%, 84%
XYZ	30.2404, 30.3819, 67.8527
YIQ	147.1300, -40.8080, 12.6960

Conversions

Conversions Part 2

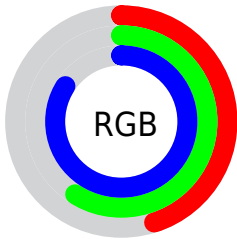
Format	Color
R _Y B	116, 141, 214
Decimal	7640790
CIE Lab	61.98, 5.21, -36.38
CIE LCh	62, 36.749, 278.148
Yxy	30.3819, 0.2354, 0.2365
Android (android.graphics.Color)	4285830870 (0xFF7496D6)
YUV	147.1300, 32.9669, -27.3010
Hunter-Lab	55.1198, 1.4711, -34.4024

Details

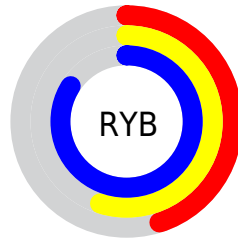
The YIQ color $147.1300, -40.8080, 12.6960$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $182.8700, 40.8080, -12.6960$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $200.2460, -35.4430, 9.0770$, and $94.7660, -42.7790, 9.8690$ is the 20% darker color. If you saturate the color by 10%, you get $132.6330, -49.4740, 15.5660$, and if you desaturate by 10%, it is $161.6270, -32.1420, 9.8260$.

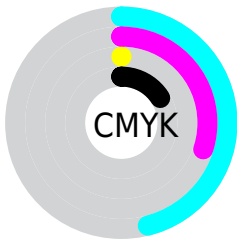
Distribution



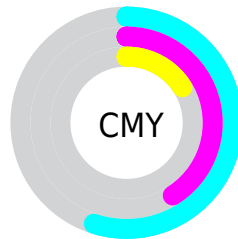
- Red (45%)
- Green (59%)
- Blue (84%)



- Red (45%)
- Yellow (55%)
- Blue (84%)



- Cyan (46%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.1300, -40.8080, 12.6960 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 147.1300, -40.8080, 12.6960 by changing the saturation by 10% instead.

■ 147.1300,
-40.8080, 12.6960

■ 147.1300,
-40.8080, 12.6960

■ 255.0000, -0.0000,
-0.0000

■ 120.3040,
-41.3580, 11.6500

■ 200.2460,
-35.4430, 9.0770

■ 94.7660, -42.7790,
9.8690

■ 225.3530,
-25.8590, 0.5810

■ 68.1460, -46.9050,
7.5510

■ 247.5250,
-14.9000, -5.3000

■ 43.8960, -49.1970,
5.0350

■ 28.7190, -35.3970,
8.2430

■ 12.0090, -21.4140,
13.6420

■ 5.3920, -12.4270,

10.4610

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 147.1300,
-40.8080, 12.6960

■ 147.1300,
-40.8080, 12.6960

■ 132.6330,
-49.4740, 15.5660

■ 161.6270,
-32.1420, 9.8260

■ 117.8370,
-58.7360, 18.2240

■ 176.4230,
-22.8800, 7.1680

■ 103.3400,
-67.4020, 21.0940

■ 190.9200,
-14.2140, 4.2980

■ 88.5440, -76.6640,
23.7520

■ 205.7160, -4.9520,
1.6400

■ 74.0470, -85.3300,
26.6220

■ 220.2130, 3.7140,
-1.2300

■ 67.8340, -89.0440,
27.8520

■ 234.7100, 12.3800,
-4.1000

■ 246.2170, 15.0860,
-9.0900

■ 250.3260, 13.1610,
-12.7510

Harmonies

Analogous

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



133.4080, -80.4180, -7.3460



147.1300, -40.8080, 12.6960



153.2550, -4.1310, 25.3170

Triad

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



147.1300, -40.8080, 12.6960



150.8680, 53.4580, 11.3620



136.7050, -33.9230, -29.4990

Complementary

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



147.1300, -40.8080, 12.6960



182.8700, 40.8080, -12.6960

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.



142.9510, 0.5550, -26.5890



147.1300, -40.8080, 12.6960



149.5490, 46.4460, -4.7380

Square

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



147.1300, -40.8080, 12.6960



152.3640, 46.6700, 24.2540



146.6510, 28.0630, -18.5050



124.4130, -79.9550, -32.2670

Rectangle

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



147.1300, -40.8080, 12.6960



154.4980, 17.2340, 29.0900



146.6510, 28.0630, -18.5050



139.1640, -22.0940, -29.1180

Sweetspot

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



147.1300, -40.8080, 12.6960



230.7350, -15.1310, 4.3970



180.8220, -47.4940, -31.3500



112.6170, -8.9870, 3.1810



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.



147.1300, -40.8080, 12.6960



159.1360, -58.1400, 18.4360



131.6570, -22.5180, 33.6580



99.6020, -4.6310, 1.3290



54.1270, -71.1160, 22.3240



13.7070, -17.9280, 5.5280

Inverse Universe

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



149.1780, 47.4940, 31.3500



162.3320, 68.0320, 44.6080



198.3430, 22.5180, -33.6580



99.7450, 5.2720, 3.5760



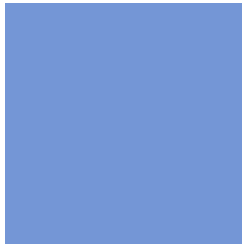
57.8550, 82.9770, 54.6010



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 147.1300, -40.8080, 12.6960 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 147.1300, -40.8080, 12.6960 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 147.1300, -40.8080, 12.6960

Background



This preview shows how black text looks on a background with the YIQ color 147.1300, -40.8080, 12.6960.

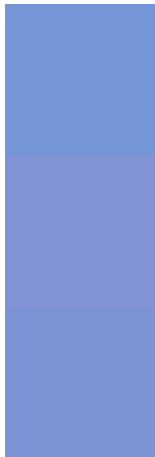


This preview shows how white text looks on a background with the YIQ color 147.1300, -40.8080, 12.6960.

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

147.1300, -40.8080, 12.6960

Protanopia

149.0280, -31.5930, 16.3990

Deuteranopia

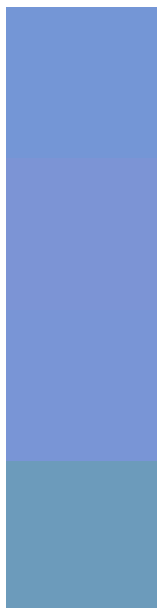
148.3480, -35.4900, 15.4380



Tritanopia

143.3360, -36.3570, -7.4050

Trichromacy



Original Color

147.1300, -40.8080, 12.6960

Protanomaly

148.2340, -35.1690, 15.1270

Deuteranomaly

148.0380, -37.5530, 14.2790

Tritanomaly

144.5950, -38.2840, -0.0120

Monochromacy



Original Color

147.1300, -40.8080, 12.6960

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0340, -14.5350, 4.6090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.1300, -40.8080, 12.6960 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(116, 150, 214)` looks like.

```
.text, #text, p{  
    color:rgb(116, 150, 214)  
}
```

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(116, 150, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 150, 214) }
```

Border

The CSS property to change the border of an element to YIQ 147.1300, -40.8080, 12.6960 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(116, 150, 214) }
```


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

```
.border{ border-color:rgb(116, 150, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 150, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 150, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 150, 214);  
box-shadow:4px 4px 4px 4px rgb(116, 150,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 147.1300, -40.8080, 12.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 150, 214) }
```

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

```
.background{ background-color: rgb(116,  
150, 214) }
```

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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