

Converting Colors

YIQ(144.1480, -41.2190, 3.6210)

Have a look what the booklet for
YIQ(144.1480, -41.2190, 3.6210)
contains.

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Color

**YIQ(144.1480, -41.2190,
3.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	6B99C4
RGB	107, 153, 196
RGB Percent	42%, 60%, 77%
CMY	0.5805, 0.3999, 0.2316
CMYK	0.45, 0.22, 0.00, 0.23
HSL	209°, 43%, 59%
HSV	209°, 45%, 77%
XYZ	27.4134, 29.8966, 56.5204
YIQ	144.1480, -41.2190, 3.6210

Conversions

Conversions Part 2

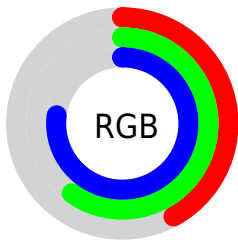
Format	Color
R_{YB}	107, 137, 196
Decimal	7051716
CIE _{Lab}	61.56, -3.98, -27.00
CIE _{LCh}	62, 27.294, 261.619
Yxy	29.8966, 0.2408, 0.2626
Android (android.graphics.Color)	4285241796 (0xFF6B99C4)
YUV	144.1480, 25.5630, -32.5788
Hunter-Lab	54.6777, -6.1928, -23.0136

Details

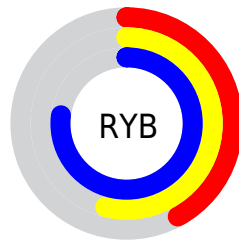
The YIQ color $144.1480, -41.2190, 3.6210$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $158.8520, 41.2190, -3.6210$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $198.7890, -41.5860, 4.7660$, and $91.6100, -42.6400, 1.8400$ is the 20% darker color. If you saturate the color by 10%, you get $132.8850, -50.6640, 4.0880$, and if you desaturate by 10%, it is $155.4110, -31.7740, 3.1540$.

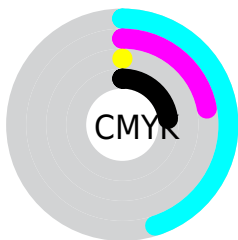
Distribution



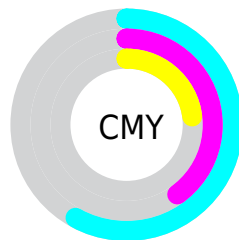
- Red (42%)
- Green (60%)
- Blue (77%)



- Red (42%)
- Yellow (54%)
- Blue (77%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)



- Cyan (58%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.1480, -41.2190, 3.6210 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 144.1480, -41.2190, 3.6210 by changing the saturation by 10% instead.

■ 144.1480,
-41.2190, 3.6210

■ 144.1480,
-41.2190, 3.6210

■ 255.0000, -0.0000,
-0.0000

■ 117.7350,
-41.4940, 3.0980

■ 198.7890,
-41.5860, 4.7660

■ 91.6100, -42.6400,
1.8400

■ 223.8250,
-33.2400, -3.3200

■ 64.6910, -47.3620,
-0.6900

■ 244.2360,
-21.4560, -7.6320

■ 43.3600, -44.9320,
-0.6760

■ 252.9070, -4.1720,
-1.4840

■ 27.7100, -31.1780,
3.3660

■ 12.1740, -17.7450,
7.7190

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 144.1480,
-41.2190, 3.6210

■ 144.1480,
-41.2190, 3.6210

■ 132.8850,
-50.6640, 4.0880

■ 155.4110,
-31.7740, 3.1540

■ 121.3340,
-59.2380, 5.2900

■ 166.9620,
-23.2000, 1.9520

■ 110.0710,
-68.6830, 5.7570

■ 178.2250,
-13.7550, 1.4850

■ 98.5200, -77.2570,
6.9590

■ 189.7760, -5.1810,
0.2830

■ 87.2570, -86.7020,
7.4260

■ 201.0390, 4.2640,
-0.1840

■ 81.6310, -90.6910,
8.1330

■ 212.8890, 13.4340,
-1.1740

■ 223.8530, 22.2830,
-1.8530

■ 233.0120, 26.0890,
-4.7510

■ 238.2950, 23.6140,
-9.4580

Harmonies

Analogous

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



137.5600, -57.5390, -8.9870



144.1480, -41.2190, 3.6210



149.8740, -16.6000, 14.5040

Triad

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



144.1480, -41.2190, 3.6210



150.8480, 39.0150, 14.3030



142.0780, -9.8080, -20.4960

Complementary

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



144.1480, -41.2190, 3.6210



158.8520, 41.2190, -3.6210

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.



145.8050, 13.0700, -16.6100



144.1480, -41.2190, 3.6210



149.9970, 39.6130, 3.4610

Square

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



144.1480, -41.2190, 3.6210



152.0890, 28.3310, 20.7070



148.0570, 30.2160, -7.9600



138.6760, -34.9790, -21.3710

Rectangle

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



144.1480, -41.2190, 3.6210



151.7190, 0.1340, 19.6060



148.0570, 30.2160, -7.9600



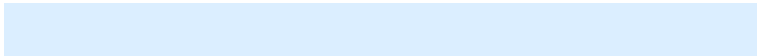
143.4980, -2.2430, -19.9310

Sweetspot

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



144.1480, -41.2190, 3.6210



234.2570, -16.7810, 1.2590



164.0310, -37.9570, -33.4850



114.9650, -10.0870, 1.0890



0.0000, 0.0000, 0.0000



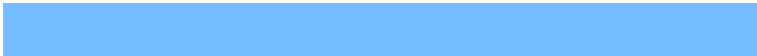
128.0000, -0.0000, -0.0000

Same Dimension

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



144.1480, -41.2190, 3.6210



174.9960, -64.0980, 5.2620



118.9070, -29.3940, 26.1100



91.0750, -4.5850, 0.4950



67.0750, -74.5060, 6.6620



13.7410, -15.2680, 1.3720

Inverse Universe

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



138.8550, 38.2780, 33.1740



166.4700, 59.1360, 51.6480



184.0930, 29.3940, -26.1100



90.5600, 4.3550, 3.6750



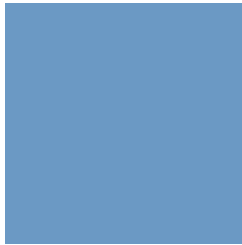
57.6010, 69.3130, 59.9450



11.8050, 14.2110, 12.2830

Previews

White Background



This preview shows how the YIQ color 144.1480, -41.2190, 3.6210 looks on a white background.

Color Contrast Check

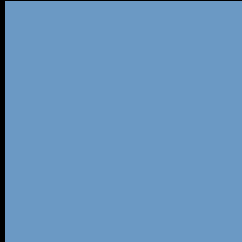
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.1480, -41.2190, 3.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

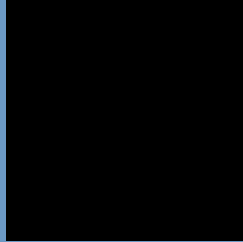
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

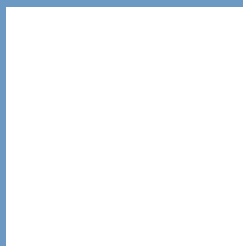
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 144.1480, -41.2190, 3.6210

Background



This preview shows how black text looks on a background with the YIQ color 144.1480, -41.2190, 3.6210.

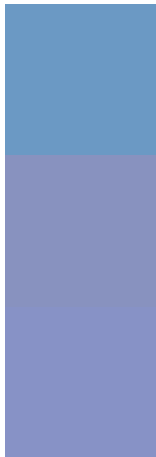


This preview shows how white text looks on a background with the YIQ color 144.1480, -41.2190,

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

144.1480, -41.2190, 3.6210

Protanopia

148.1400, -20.4050, 11.8750

Deuteranopia

148.6390, -23.2480, 13.8400



Tritanopia

141.7270, -39.0160, -8.7760

Trichromacy



Original Color

144.1480, -41.2190, 3.6210

Protanomaly

146.8400, -28.4280, 8.5960

Deuteranomaly

147.2960, -29.7120, 9.8400

Tritanomaly

142.4760, -39.5670, -4.2950

Monochromacy



Original Color

144.1480, -41.2190, 3.6210

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.0400, -14.6720, 1.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.1480, -41.2190, 3.6210 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(107, 153, 196)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 196)  
}
```

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(107, 153, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 196) }
```

Border

The CSS property to change the border of an element to YIQ 144.1480, -41.2190, 3.6210 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(107, 153, 196) }
```


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

```
.border{ border-color:rgb(107, 153, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 196);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 144.1480, -41.2190, 3.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 196) }
```

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

```
.background{ background-color: rgb(107,  
153, 196) }
```

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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