

Converting Colors

YIQ(134.7040, -40.2090,
-3.6730)

Have a look what the booklet for
YIQ(134.7040, -40.2090, -3.6730)
contains.

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Color

**YIQ(134.7040, -40.2090,
-3.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	5E94AD
RGB	94, 148, 173
RGB Percent	37%, 58%, 68%
CMY	0.6315, 0.4195, 0.3217
CMYK	0.46, 0.14, 0.00, 0.32
HSL	199°, 32%, 52%
HSV	199°, 46%, 68%
XYZ	22.7450, 26.5805, 43.4438
YIQ	134.7040, -40.2090, -3.6730

Conversions

Conversions Part 2

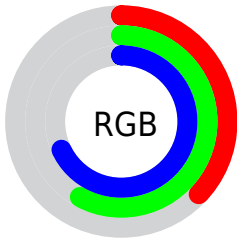
Format	Color
R _Y B	94, 126, 173
Decimal	6198445
CIE Lab	58.58, -11.06, -18.64
CIE LCh	59, 21.679, 239.322
Yxy	26.5805, 0.2452, 0.2865
Android (android.graphics.Color)	4284388525 (0xFF5E94AD)
YUV	134.7040, 18.8799, -35.6974
Hunter-Lab	51.5563, -11.4748, -13.8712

Details


The YIQ color $134.7040, -40.2090, -3.6730$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $132.2960, 40.2090, 3.6730$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.8180, -40.5300, -3.3620$, and $82.3940, -42.2720, -4.8320$ is the 20% darker color. If you saturate the color by 10%, you get $126.6860, -48.9660, -4.6620$, and if you desaturate by 10%, it is $142.7220, -31.4520, -2.6840$.

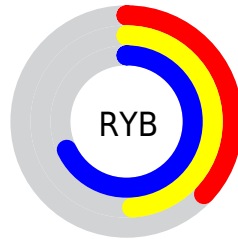
Distribution



 Red (37%)

 Green (58%)

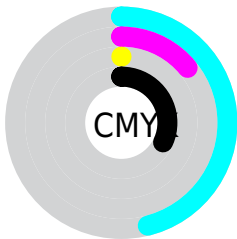
 Blue (68%)




 Red (37%)

 Yellow (49%)

 Blue (68%)

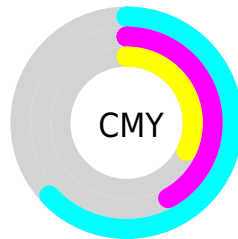


 Cyan (46%)

 Magenta (14%)

 Yellow (0%)

 Black (32%)



 Cyan (63%)

 Magenta (42%)

 Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7040, -40.2090, -3.6730 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 134.7040, -40.2090, -3.6730 by changing the saturation by 10% instead.

■ 134.7040,
-40.2090, -3.6730

■ 134.7040,
-40.2090, -3.6730

■ 255.0000, -0.0000,
-0.0000

■ 108.2910,
-40.4840, -4.1960

■ 188.8180,
-40.5300, -3.3620

■ 82.3940, -42.2720,
-4.8320

■ 216.7040,
-40.2090, -3.6730

■ 54.3820, -51.1660,
-8.8460

■ 239.7510,
-30.3960, -10.8120

■ 38.1450, -37.1370,
-4.2810

■ 248.4220,
-13.1120, -4.6640

■ 23.1960, -23.9790,
-0.4510

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,

0.0000

■ 134.7040,
-40.2090, -3.6730

■ 134.7040,
-40.2090, -3.6730

■ 126.6860,
-48.9660, -4.6620

■ 142.7220,
-31.4520, -2.6840

■ 117.7820,
-58.0440, -5.3400

■ 151.6260,
-22.3740, -2.0060

■ 109.7640,
-66.8010, -6.3290

■ 159.6440,
-13.6170, -1.0170

■ 101.1590,
-75.2830, -6.7950

■ 168.2490, -5.1350,
-0.5510

■ 92.8420, -84.6360,
-7.9960

■ 176.2670, 3.6220,
0.4380

■ 88.9880, -87.9830,
-7.9110

■ 185.1710, 12.7000,
1.1160

■ 193.1890, 21.4570,
2.1050

■ 201.7940, 29.9390,
2.5710

■ 210.1110, 39.2920,
3.7720

Harmonies

Analogous

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



132.1780, -41.9040, -11.5040



134.7040, -40.2090, -3.6730



139.2160, -26.7310, 5.3730

Triad

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



134.7040, -40.2090, -3.6730



143.6600, 24.9850, 15.2650



137.6780, 6.2380, -13.9380

Complementary

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



134.7040, -40.2090, -3.6730



132.2960, 40.2090, 3.6730

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.



139.6800, 21.0920, -7.8040



134.7040, -40.2090, -3.6730



142.6790, 32.0010, 9.2570

Square

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



134.7040, -40.2090, -3.6730



143.9990, 10.9090, 17.0610



141.6260, 30.3520, 0.5920



135.6310, -12.7430, -16.8630

Rectangle

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



134.7040, -40.2090, -3.6730



141.5490, -14.3070, 11.4930



141.6260, 30.3520, 0.5920



138.9560, 11.3270, -12.5530

Sweetspot

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



134.7040, -40.2090, -3.6730



208.8610, -15.7260, -1.3420



143.1090, -29.4290, -33.8530



102.7970, -9.6740, -0.8900



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



134.7040, -40.2090, -3.6730



164.3300, -62.5830, -5.6790



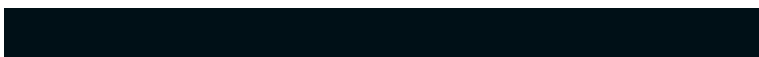
112.3980, -29.7590, 16.2010



82.5480, -4.5390, -0.3390



77.5610, -76.4750, -7.2190



12.0140, -11.7830, -1.2150

Inverse Universe

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



123.7770, 29.7500, 33.5420



147.3530, 46.3440, 52.2000



154.6020, 29.7590, -16.2010



81.3750, 3.4380, 3.7740



56.5920, 56.3370, 63.8330



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 134.7040, -40.2090, -3.6730 looks on a white background.

Color Contrast Check

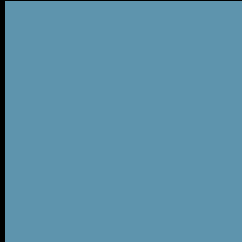
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7040, -40.2090, -3.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

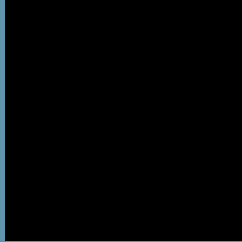
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.7040, -40.2090, -3.6730

Background



This preview shows how black text looks on a background with the YIQ color 134.7040, -40.2090, -3.6730.



This preview shows how white text looks on a background with the YIQ color 134.7040, -40.2090, -3.6730.

-3.6730.

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

134.7040, -40.2090, -3.6730

Protanopia

140.9960, -11.3720, 7.8600

Deuteranopia

141.6200, -13.0690, 11.0830



Tritanopia

133.7270, -39.0160, -8.7760

Trichromacy



Original Color

134.7040, -40.2090, -3.6730

Protanomaly

138.5000, -21.7790, 3.7330

Deuteranomaly

139.3690, -22.7880, 5.5000

Tritanomaly

133.8950, -39.4290, -6.7970

Monochromacy



Original Color

134.7040, -40.2090, -3.6730

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.0460, -14.8090, -1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7040, -40.2090, -3.6730 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(94, 148, 173)` looks like.

```
.text, #text, p{  
    color:rgb(94, 148, 173)  
}
```

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(94, 148, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 148, 173) }
```

Border

The CSS property to change the border of an element to YIQ 134.7040, -40.2090, -3.6730 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(94, 148, 173) }
```


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

```
.border{ border-color:rgb(94, 148, 173) }
```

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

Here you see how a box with a 4 pixel rgb(94, 148, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 148, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 148, 173);  
box-shadow:4px 4px 4px 4px rgb(94, 148,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7040, -40.2090, -3.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 148, 173) }
```

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

```
.background{ background-color: rgb(94, 148,  
173) }
```

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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