

Converting Colors

YIQ(137.3600, -54.1000,
-10.7400)

Have a look what the booklet for
YIQ(137.3600, -54.1000, -10.7400)
contains.

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Color

**YIQ(137.3600, -54.1000,
-10.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9FB3
RGB	79, 159, 179
RGB Percent	31%, 62%, 70%
CMY	0.6904, 0.3763, 0.2983
CMYK	0.56, 0.11, 0.00, 0.30
HSL	192°, 40%, 51%
HSV	192°, 56%, 70%
XYZ	23.7554, 29.7205, 47.1013
YIQ	137.3600, -54.1000, -10.7400

Conversions

Conversions Part 2

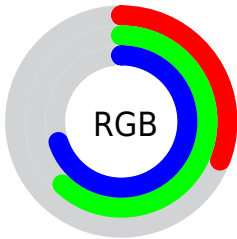
Format	Color
R _Y B	79, 123, 179
Decimal	5218227
CIE Lab	61.41, -18.72, -17.79
CIE LCh	61, 25.826, 223.537
Yxy	29.7205, 0.2362, 0.2955
Android (android.graphics.Color)	4283408307 (0xFF4F9FB3)
YUV	137.3600, 20.5285, -51.1817
Hunter-Lab	54.5165, -17.6232, -13.0640

Details

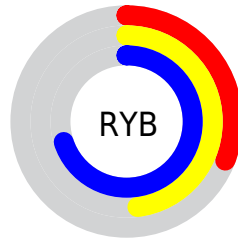
The YIQ color **137.3600, -54.1000, -10.7400** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **120.6400, 54.1000, 10.7400**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0720, -53.2290, -10.0050**, and **77.7710, -68.6790, -16.3510** is the 20% darker color. If you saturate the color by 10%, you get **129.6300, -63.7280, -12.4640**, and if you desaturate by 10%, it is **145.0900, -44.4720, -9.0160**.

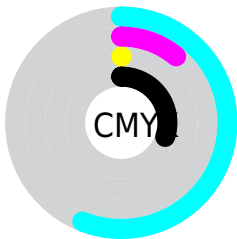
Distribution



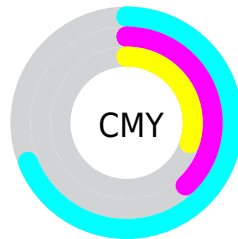
- Red (31%)
- Green (62%)
- Blue (70%)



- Red (31%)
- Yellow (48%)
- Blue (70%)



- Cyan (56%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3600, -54.1000, -10.7400 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 137.3600, -54.1000, -10.7400 by changing the saturation by 10% instead.

■ 137.3600,
-54.1000, -10.7400

■ 137.3600,
-54.1000, -10.7400

■ 255.0000, -0.0000,
-0.0000

■ 109.7510,
-56.7590, -12.1110

■ 193.0720,
-53.2290, -10.0050

■ 77.7710, -68.6790,
-16.3510

■ 220.1600,
-50.6610, -12.4930

■ 60.2350, -55.2460,
-11.9980

■ 236.4620,
-36.9520, -13.1440

■ 43.9980, -41.2170,
-7.4330

■ 245.1330,
-19.6680, -6.9960

■ 28.4620, -27.7840,
-3.0800

■ 254.1030, -1.7880,
-0.6360

■ 10.8060, -13.8930,
3.9870

■ 0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 137.3600,
-54.1000, -10.7400

■ 137.3600,
-54.1000, -10.7400

■ 129.6300,
-63.7280, -12.4640

■ 145.0900,
-44.4720, -9.0160

■ 122.4870,
-73.6310, -14.7110

■ 152.2330,
-34.5690, -6.7690

■ 114.7570,
-83.2590, -16.4350

■ 159.9630,
-24.9410, -5.0450

■ 107.6140,
-93.1620, -18.6820

■ 167.1060,
-15.0380, -2.7980

■ 104.3470,
-96.7840, -19.1200

■ 174.5370, -6.0060,
-1.2860

■ 181.6800, 3.8970,
0.9610

■ 189.4100, 13.5250,
2.6850

■ 197.1400, 23.1530,
4.4090

■ 204.2830, 33.0560,
6.6560

Harmonies

Analogous

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



136.7380, -46.7170, -17.8930



137.3600, -54.1000, -10.7400



142.4850, -43.7860, 0.5820

Triad

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



137.3600, -54.1000, -10.7400



152.1530, 22.2790, 20.2550



145.9520, 17.1500, -13.4580

Complementary

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



137.3600, -54.1000, -10.7400



120.6400, 54.1000, 10.7400

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.



148.5350, 31.8660, -4.8220



137.3600, -54.1000, -10.7400



151.3360, 34.7050, 15.3210

Square

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



137.3600, -54.1000, -10.7400



151.2630, 1.4180, 18.3620



149.5070, 38.2370, 6.3730



142.9540, -3.5270, -18.6870

Rectangle

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



137.3600, -54.1000, -10.7400



146.2420, -29.6200, 8.1720



149.5070, 38.2370, 6.3730



147.0560, 22.7890, -11.0270

Sweetspot

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



137.3600, -54.1000, -10.7400



215.6430, -21.0440, -4.0840



139.7520, -33.2780, -46.7020



107.7750, -12.6080, -2.7840



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



137.3600, -54.1000, -10.7400



167.4580, -83.8550, -16.6470



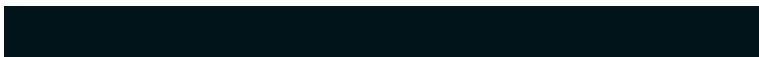
109.1840, -40.9000, 14.3640



85.1350, -4.8140, -0.8620



89.6430, -82.9380, -16.7460



14.7040, -13.8460, -2.3740

Inverse Universe

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



118.0200, 33.9200, 46.0800



137.4810, 52.5760, 71.4240



148.8160, 40.9000, -14.3640



83.4890, 3.1170, 4.0850



59.7690, 51.7050, 70.6890



10.0540, 9.0760, 11.7320

Previews

White Background



This preview shows how the YIQ color 137.3600, -54.1000, -10.7400 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 137.3600, -54.1000, -10.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

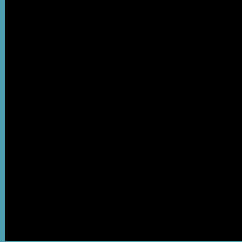
Any Text WCAG AA ✓ Pass

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 137.3600, -54.1000, -10.7400 Background



This preview shows how black text looks on a background with the YIQ color 137.3600, -54.1000, -10.7400.



This preview shows how white text looks on a background with the YIQ color 137.3600, -54.1000, -10.7400.

-10.7400.

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

137.3600, -54.1000, -10.7400

Protanopia

147.8390, -9.4920, 6.8280

Deuteranopia

148.3320, -12.1980, 11.8180



Tritanopia

136.6650, -53.6410, -13.5530

Trichromacy



Original Color

137.3600, -54.1000, -10.7400

Protanomaly

144.2390, -25.5380, 0.2700

Deuteranomaly

143.9770, -27.5560, 3.8040

Tritanomaly

137.1920, -53.6870, -12.7190

Monochromacy



Original Color

137.3600, -54.1000, -10.7400

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1270, -19.5310, -3.9710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3600, -54.1000, -10.7400 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(79, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(79, 159, 179)  
}
```

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(79, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 159, 179) }
```

Border

The CSS property to change the border of an element to YIQ 137.3600, -54.1000, -10.7400 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(79, 159, 179) }
```


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

```
.border{ border-color:rgb(79, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(79, 159,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3600, -54.1000, -10.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 159, 179) }
```

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

```
.background{ background-color: rgb(79, 159,  
179) }
```

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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