

Converting Colors

YIQ(137.1450, 5.2800, -40.6400)

Have a look what the booklet for
YIQ(137.1450, 5.2800, -40.6400)
contains.

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Color

**YIQ(137.1450, 5.2800,
-40.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	75A23E
RGB	117, 162, 62
RGB Percent	46%, 64%, 24%
CMY	0.5413, 0.3646, 0.7568
CMYK	0.28, 0.00, 0.62, 0.36
HSL	87°, 45%, 44%
HSV	87°, 62%, 64%
XYZ	21.1241, 29.9742, 9.2333
YIQ	137.1450, 5.2800, -40.6400

Conversions

Conversions Part 2

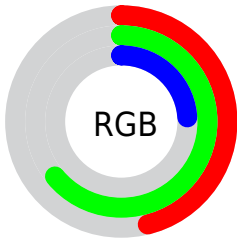
Format	Color
RYB	62, 162, 107
Decimal	7709246
CIELab	61.63, -31.75, 45.98
CIELCh	62, 55.880, 124.630
Yxy	29.9742, 0.3501, 0.4968
Android (android.graphics.Color)	4285899326 (0xFF75A23E)
YUV	137.1450, -37.0465, -17.6672
Hunter-Lab	54.7487, -26.9382, 28.3249

Details

The YIQ color $137.1450, 5.2800, -40.6400$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $86.8550, -5.2800, 40.6400$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.8030, 6.2430, -41.5730$, and $84.1620, 6.6100, -42.7180$ is the 20% darker color. If you saturate the color by 10%, you get $133.2280, 6.2440, -47.1000$, and if you desaturate by 10%, it is $141.0620, 4.3160, -34.1800$.

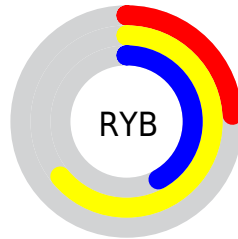
Distribution



Red (46%)

Green (64%)

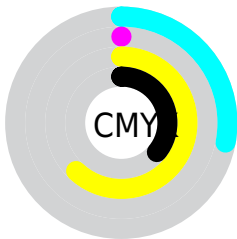
Blue (24%)



Red (24%)

Yellow (64%)

Blue (42%)

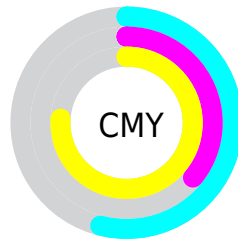


Cyan (28%)

Magenta (0%)

Yellow (62%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1450, 5.2800, -40.6400 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 137.1450, 5.2800, -40.6400 by changing the saturation by 10% instead.

■ 137.1450, 5.2800,
-40.6400

■ 137.1450, 5.2800,
-40.6400

■ 255.0000, -0.0000,
-0.0000

■ 110.8460, 4.6840,
-40.8520

■ 191.8030, 6.2430,
-41.5730

■ 84.1620, 6.6100,
-42.7180

■ 220.1620, 6.6100,
-42.7180

■ 61.2570, -0.7270,
-36.3990

■ 237.1940, 12.7520,
-32.8800

■ 38.4870, -12.8780,
-30.9420

■ 248.1600, 19.2600,
-18.6600

■ 23.4800, -11.0000,
-20.9200

■ 251.3520, 10.2720,
-9.9520

■ 6.4570, -3.0250,
-5.7530

■ 254.7720, 0.6420,

■ 0.0000, 0.0000,

-0.6220

0.0000

■ 137.1450, 5.2800,
-40.6400

■ 137.1450, 5.2800,
-40.6400

■ 133.2280, 6.2440,
-47.1000

■ 141.0620, 4.3160,
-34.1800

■ 129.0120, 6.6120,
-53.7720

■ 145.2780, 3.9480,
-27.5080

■ 124.9810, 7.8970,
-60.5430

■ 149.3090, 2.6630,
-20.7370

■ 121.7050, 8.4940,
-65.8580

■ 153.2260, 1.6990,
-14.2770

■ 157.1430, 0.7350,
-7.8170

■ 161.3590, 0.3670,
-1.1450

■ 165.2760, -0.5970,
5.3150

■ 169.3070, -1.8820,
12.0860

■ 173.5230, -2.2500,
18.7580

Harmonies

Analogous

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



142.4830, 45.6710, -29.2490



137.1450, 5.2800, -40.6400



121.2140, -61.0620, -49.7820

Triad

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



137.1450, 5.2800, -40.6400



123.9870, -121.7730, -12.2770



147.9250, 67.6200, 41.0600

Complementary

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



137.1450, 5.2800, -40.6400



86.8550, -5.2800, 40.6400

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.



152.5040, 35.4330, 46.1930



137.1450, 5.2800, -40.6400



133.9410, -88.6280, 9.2920

Square

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



137.1450, 5.2800, -40.6400



124.2200, -112.7840, -26.5120



152.5440, -14.7700, 36.4140



146.5400, 78.1690, 20.5770

Rectangle

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



137.1450, 5.2800, -40.6400



116.6960, -91.5980, -47.0380



152.5440, -14.7700, 36.4140



149.2540, 59.5040, 44.9760

Sweetspot

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



137.1450, 5.2800, -40.6400



201.9440, 2.4330, -16.5670



118.3150, 47.2250, -2.3350



100.8610, 1.4690, -10.1070



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



137.1450, 5.2800, -40.6400



172.8730, 8.0810, -63.8790



122.1950, -24.5200, -51.2400



79.7780, 0.5050, -3.6470



109.0350, 7.8050, -58.8750



13.5560, 1.0100, -7.2940

Inverse Universe

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



86.8550, -5.2800, 40.6400



94.1270, -8.0810, 63.8790



101.8050, 24.5200, 51.2400



75.2220, -0.5050, 3.6470



36.2640, -7.2090, 59.0870



4.4440, -1.0100, 7.2940

Previews

White Background



This preview shows how the YIQ color 137.1450, 5.2800, -40.6400 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 137.1450, 5.2800, -40.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

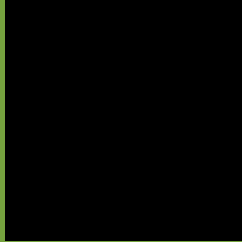
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.1450, 5.2800, -40.6400

Background



This preview shows how black text looks on a background with the YIQ color 137.1450, 5.2800, -40.6400.



This preview shows how white text looks on a background with the YIQ color 137.1450, 5.2800,

-40.6400.

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

137.1450, 5.2800, -40.6400

Protanopia

143.4100, 38.7470, -24.9090

Deuteranopia

145.2360, 48.4650, -13.7990



Tritanopia

147.0890, -16.3680, -0.7200

Trichromacy



Original Color

137.1450, 5.2800, -40.6400

Protanomaly

141.3760, 26.9190, -30.8170

Deuteranomaly

142.5280, 32.6030, -23.6930

Tritanomaly

143.7240, -8.5710, -15.3790

Monochromacy



Original Color

137.1450, 5.2800, -40.6400

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1120, 2.0200, -14.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1450, 5.2800, -40.6400 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(117, 162, 62)` looks like.

```
.text, #text, p{  
    color:rgb(117, 162, 62)  
}
```

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(117, 162, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 162, 62) }
```

Border

The CSS property to change the border of an element to YIQ 137.1450, 5.2800, -40.6400 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(117, 162, 62) }
```


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

```
.border{ border-color:rgb(117, 162, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 162, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 162, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 162, 62);  
box-shadow:4px 4px 4px 4px rgb(117, 162,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1450, 5.2800, -40.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 162, 62) }
```

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

```
.background{ background-color: rgb(117,  
162, 62) }
```

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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