

Converting Colors

YIQ(137.7290, -25.3030,
-31.5350)

Have a look what the booklet for
YIQ(137.7290, -25.3030, -31.5350)
contains.

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Color

**YIQ(137.7290, -25.3030,
-31.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA570
RGB	94, 165, 112
RGB Percent	37%, 65%, 44%
CMY	0.6316, 0.3528, 0.5608
CMYK	0.43, 0.00, 0.32, 0.35
HSL	135°, 28%, 51%
HSV	135°, 43%, 65%
XYZ	20.9951, 30.4675, 20.0991
YIQ	137.7290, -25.3030, -31.5350

Conversions

Conversions Part 2

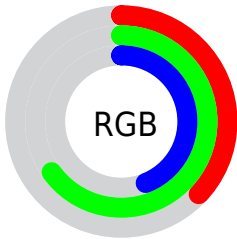
Format	Color
RYB	94, 151, 165
Decimal	6202736
CIELab	62.06, -34.20, 20.70
CIELCh	62, 39.976, 148.812
Yxy	30.4675, 0.2934, 0.4258
Android (android.graphics.Color)	4284392816 (0xFF5EA570)
YUV	137.7290, -12.6844, -38.3503
Hunter-Lab	55.1973, -28.7003, 17.0488

Details

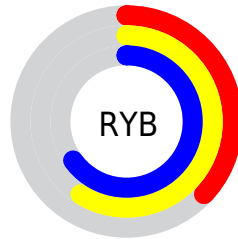
The YIQ color **137.7290, -25.3030, -31.5350** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **121.2710, 25.3030, 31.5350**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.0880, -24.9360, -32.6800**, and **85.8860, -27.1830, -30.5030** is the 20% darker color. If you saturate the color by 10%, you get **131.2780, -31.5830, -38.8710**, and if you desaturate by 10%, it is **143.8810, -19.6190, -24.4110**.

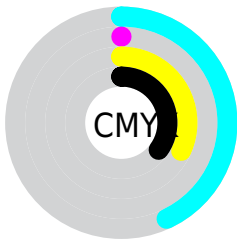
Distribution



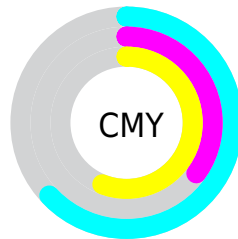
- Red (37%)
- Green (65%)
- Blue (44%)



- Red (37%)
- Yellow (59%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7290, -25.3030, -31.5350 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 137.7290, -25.3030, -31.5350 by changing the saturation by 10% instead.

■ 137.7290,
-25.3030, -31.5350

■ 137.7290,
-25.3030, -31.5350

■ 255.0000, -0.0000,
-0.0000

■ 111.2560,
-25.3490, -30.7010

■ 192.6750,
-25.2110, -33.2030

■ 85.8860, -27.1830,
-30.5030

■ 220.2620,
-25.4860, -33.7260

■ 58.1240, -33.7850,
-32.0010

■ 235.3480,
-19.4360, -22.2200

■ 39.8480, -24.0200,
-27.2520

■ 247.3250,
-11.4610, -7.0530

■ 24.0670, -11.2750,
-21.4430

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,

0.0000

■ 137.7290,
-25.3030, -31.5350

■ 137.7290,
-25.3030, -31.5350

■ 131.2780,
-31.5830, -38.8710

■ 143.8810,
-19.6190, -24.4110

■ 125.0120,
-36.9460, -46.3060

■ 150.4460,
-13.6600, -16.7640

■ 118.5610,
-43.2260, -53.6420

■ 156.5980, -7.9760,
-9.6400

■ 112.4090,
-48.9100, -60.7660

■ 163.0490, -1.6960,
-2.3040

■ 105.8440,
-54.8690, -68.4130

■ 169.3150, 3.6670,
5.1310

■ 101.6430,
-58.8570, -73.2330

■ 175.7660, 9.9470,
12.4670

■ 181.9180, 15.6310,
19.5910

■ 188.4830, 21.5900,
27.2380

■ 194.6350, 27.2740,
34.3620

Harmonies

Analogous

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



143.5130, 10.5960, -26.8440



137.7290, -25.3030, -31.5350



123.7460, -76.6990, -36.2110

Triad

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



137.7290, -25.3030, -31.5350



142.3880, -59.3300, 6.9580



151.1230, 57.3540, 17.8500

Complementary

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



137.7290, -25.3030, -31.5350



121.2710, 25.3030, 31.5350

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.



152.7540, 45.7520, 29.8800



137.7290, -25.3030, -31.5350



152.0840, -16.8310, 24.2010

Square

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



137.7290, -25.3030, -31.5350



119.6210, -112.2350, -19.9390



154.1610, 19.8010, 32.1290



149.6040, 53.7810, -0.0030

Rectangle

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



137.7290, -25.3030, -31.5350



118.2240, -101.4120, -34.3720



154.1610, 19.8010, 32.1290



151.5020, 54.9690, 22.5290

Sweetspot

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



137.7290, -25.3030, -31.5350



203.2340, -9.9470, -12.4670



151.5240, 12.0630, -25.8970



100.4350, -5.9590, -7.6470



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.



137.7290, -25.3030, -31.5350



171.3490, -39.5130, -49.3450



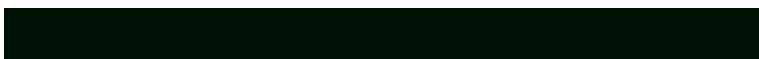
141.7190, -36.5380, -20.6500



78.6250, -3.4380, -3.7740



89.3330, -51.7520, -64.3280



11.1360, -6.5550, -7.8590

Inverse Universe

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



121.2710, 25.3030, 31.5350



145.6510, 39.5130, 49.3450



117.2810, 36.5380, 20.6500



76.4890, 3.1170, 4.0850



55.6670, 51.7520, 64.3280



6.8640, 6.5550, 7.8590

Previews

White Background



This preview shows how the YIQ color 137.7290, -25.3030, -31.5350 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 137.7290, -25.3030, -31.5350 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 137.7290, -25.3030, -31.5350 Background



This preview shows how black text looks on a background with the YIQ color 137.7290, -25.3030, -31.5350.



This preview shows how white text looks on a background with the YIQ color 137.7290, -25.3030, -31.5350.

-31.5350.

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

137.7290, -25.3030, -31.5350

Protanopia

147.5720, 21.2760, -11.1400

Deuteranopia

149.3050, 26.8220, -1.5140



Tritanopia

144.1190, -34.2480, -7.0800

Trichromacy



Original Color

137.7290, -25.3030, -31.5350

Protanomaly

144.2600, 4.3590, -18.4330

Deuteranomaly

145.1020, 7.9800, -12.4680

Tritanomaly

141.9910, -31.3120, -16.2400

Monochromacy



Original Color

137.7290, -25.3030, -31.5350

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0600, -9.3970, -11.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7290, -25.3030, -31.5350 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, 165, 112)` looks like.

```
.text, #text, p{  
    color:rgb(94, 165, 112)  
}
```

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, 165, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 165, 112) }
```

Border

The CSS property to change the border of an element to YIQ 137.7290, -25.3030, -31.5350 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, 165, 112) }
```


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

```
.border{ border-color:rgb(94, 165, 112) }
```

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

Here you see how a box with a 4 pixel rgb(94, 165, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 165, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 165, 112);  
box-shadow:4px 4px 4px 4px rgb(94, 165,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7290, -25.3030, -31.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 165, 112) }
```

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

```
.background{ background-color: rgb(94, 165,  
112) }
```

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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