

Converting Colors

YIQ(164.5450, -29.1020,
-67.3260)

Have a look what the booklet for
YIQ(164.5450, -29.1020, -67.3260)
contains.

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Color

**YIQ(164.5450, -29.1020,
-67.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD852
RGB	95, 216, 82
RGB Percent	37%, 85%, 32%
CMY	0.6278, 0.1527, 0.6784
CMYK	0.56, 0.00, 0.62, 0.15
HSL	114°, 63%, 58%
HSV	114°, 62%, 85%
XYZ	30.8012, 52.1746, 16.4294
YIQ	164.5450, -29.1020, -67.3260

Conversions

Conversions Part 2

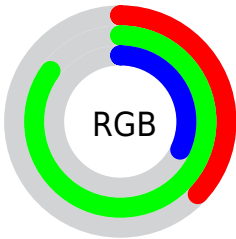
Format	Color
RYB	82, 216, 203
Decimal	6281298
CIELab	77.39, -59.09, 54.53
CIELCh	77, 80.405, 137.295
Yxy	52.1746, 0.3099, 0.5249
Android (android.graphics.Color)	4284471378 (0xFF5FD852)
YUV	164.5450, -40.6947, -60.9910
Hunter-Lab	72.2320, -50.2900, 37.0767

Details

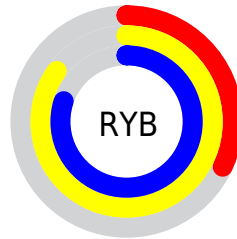
The YIQ color **164.5450, -29.1020, -67.3260** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **133.4550, 29.1020, 67.3260**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.5340, -21.4010, -58.2090**, and **101.4400, -42.1680, -72.8240** is the 20% darker color. If you saturate the color by 10%, you get **156.0570, -33.9600, -78.4080**, and if you desaturate by 10%, it is **172.7340, -24.8400, -56.4560**.

Distribution



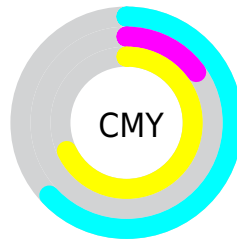
- Red (37%)
- Green (85%)
- Blue (32%)



- Red (32%)
- Yellow (85%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (62%)
- Black (15%)



- Cyan (63%)
- Magenta (15%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.5450, -29.1020, -67.3260 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 164.5450, -29.1020, -67.3260 by changing the saturation by 10% instead.

■ 164.5450,
-29.1020, -67.3260

■ 164.5450,
-29.1020, -67.3260

■ 255.0000, -0.0000,
-0.0000

■ 135.1640,
-32.4030, -68.0750

■ 211.5340,
-21.4010, -58.2090

■ 101.1410,
-42.7640, -73.0360

■ 223.6960,
-12.5090, -43.1410

■ 78.0710, -36.5750,
-69.5590

■ 235.8580, -3.6170,
-28.0730

■ 62.8090, -29.4250,
-55.9610

■ 248.0200, 5.2750,
-13.0050

■ 47.5470, -22.2750,
-42.3630

■ 254.4300, 1.6050,
-1.5550

■ 33.4590, -15.6750,
-29.8110

■ 19.3710, -9.0750,

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 164.5450,
-29.1020, -67.3260

■ 164.5450,
-29.1020, -67.3260

■ 156.0570,
-33.9600, -78.4080

■ 172.7340,
-24.8400, -56.4560

■ 147.9820,
-38.5430, -88.9670

■ 181.1080,
-19.6610, -45.6850

■ 139.4940,
-43.4010, -100.0490

■ 189.2970,
-15.3990, -34.8150

■ 133.0710,
-46.8840, -108.5160

■ 197.6710,
-10.2200, -24.0440

■ 206.1590, -5.3620,
-12.9620

■ 214.3480, -1.1000,
-2.0920

■ 222.7220, 4.0790,
8.6790

■ 230.9110, 8.3410,
19.5490

■ 232.1070, 10.7250,
20.3970

Harmonies

Analogous

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



174.8120, 53.6090, -62.9910



164.5450, -29.1020, -67.3260



149.2720, -111.6760, -68.6360

Triad

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



164.5450, -29.1020, -67.3260



151.7530, -139.3300, -30.0020



162.7250, 71.0590, 39.3070

Complementary

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



164.5450, -29.1020, -67.3260



133.4550, 29.1020, 67.3260

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.



173.0360, 46.1590, 61.0630



164.5450, -29.1020, -67.3260



174.1430, -60.0180, 8.4140

Square

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



164.5450, -29.1020, -67.3260



159.3840, -142.9050, -36.8010



191.8590, 24.4280, 52.9080



170.8220, 85.4620, 4.0380

Rectangle

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



164.5450, -29.1020, -67.3260



156.3740, -128.9180, -53.5100



191.8590, 24.4280, 52.9080



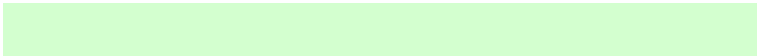
163.8140, 63.8590, 48.6510

Sweetspot

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



164.5450, -29.1020, -67.3260



236.3720, -10.8160, -24.2560



193.0930, 46.5890, -34.8750



116.5070, -6.4620, -15.0540



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.



164.5450, -29.1020, -67.3260



182.3250, -41.2470, -95.0310



166.8140, -54.1840, -53.2880



102.7560, -2.4290, -5.5410



105.1610, -37.4890, -86.0410



26.4370, -9.4410, -21.6410

Inverse Universe

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



133.4550, 29.1020, 67.3260



138.6750, 41.2470, 95.0310



131.1860, 54.1840, 53.2880



100.2440, 2.4290, 5.5410



65.5400, 36.8930, 85.8290



16.5630, 9.4410, 21.6410

Previews

White Background



This preview shows how the YIQ color 164.5450, -29.1020, -67.3260 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 164.5450, -29.1020, -67.3260 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 164.5450, -29.1020, -67.3260 Background



This preview shows how black text looks on a background with the YIQ color 164.5450, -29.1020, -67.3260.



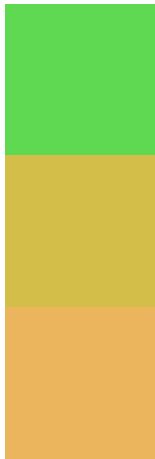
This preview shows how white text looks on a background with the YIQ color 164.5450, -29.1020,

-67.3260.

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

164.5450, -29.1020, -67.3260

Protanopia

183.3540, 50.3480, -31.4120

Deuteranopia

186.8150, 59.8360, -16.1320



Tritanopia

180.6160, -51.9450, -11.2490

Trichromacy



Original Color

164.5450, -29.1020, -67.3260



Protanomaly

176.1220, 21.2820, -44.3020



Deuteranomaly

178.7410, 27.1490, -34.9870



Tritanomaly

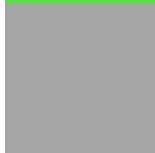
174.5620, -43.8260, -31.7460

Monochromacy



Original Color

164.5450, -29.1020, -67.3260



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.2580, -10.4950, -24.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5450, -29.1020, -67.3260 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(95, 216, 82)` looks like.

```
.text, #text, p{  
    color:rgb(95, 216, 82)  
}
```

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(95, 216, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 216, 82) }
```

Border

The CSS property to change the border of an element to YIQ 164.5450, -29.1020, -67.3260 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(95, 216, 82) }
```


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

```
.border{ border-color:rgb(95, 216, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 216, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 216, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 216, 82);  
box-shadow:4px 4px 4px 4px rgb(95, 216,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5450, -29.1020, -67.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 216, 82) }
```

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

```
.background{ background-color: rgb(95, 216,  
82) }
```

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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