

Converting Colors

YIQ(132.2710, -21.6780,
-47.6780)

Have a look what the booklet for
YIQ(132.2710, -21.6780, -47.6780)
contains.

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Color

**YIQ(132.2710, -21.6780,
-47.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	52A94B
RGB	82, 169, 75
RGB Percent	32%, 66%, 29%
CMY	0.6787, 0.3371, 0.7059
CMYK	0.52, 0.00, 0.56, 0.34
HSL	116°, 39%, 48%
HSV	116°, 56%, 66%
XYZ	18.9384, 30.6882, 11.5813
YIQ	132.2710, -21.6780, -47.6780

Conversions

Conversions Part 2

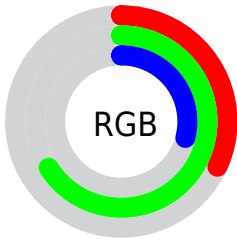
Format	Color
RYB	75, 169, 162
Decimal	5417291
CIELab	62.24, -45.22, 40.14
CIELCh	62, 60.466, 138.404
Yxy	30.6882, 0.3094, 0.5014
Android (android.graphics.Color)	4283607371 (0xFF52A94B)
YUV	132.2710, -28.2346, -44.0877
Hunter-Lab	55.3969, -35.9213, 26.3827

Details

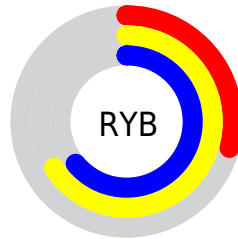
The YIQ color **132.2710, -21.6780, -47.6780** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **111.7290, 21.6780, 47.6780**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7010, -20.0730, -49.2330**, and **75.9110, -29.4720, -49.6000** is the 20% darker color. If you saturate the color by 10%, you get **125.5490, -25.7570, -56.3570**, and if you desaturate by 10%, it is **138.9930, -17.5990, -38.9990**.

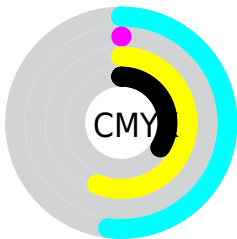
Distribution



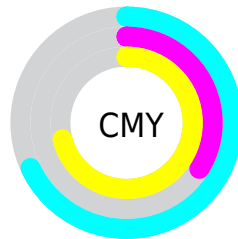
- Red (32%)
- Green (66%)
- Blue (29%)



- Red (29%)
- Yellow (66%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (56%)
- Black (34%)



- Cyan (68%)
- Magenta (34%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.2710, -21.6780, -47.6780 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 132.2710, -21.6780, -47.6780 by changing the saturation by 10% instead.

■ 132.2710,
-21.6780, -47.6780

■ 132.2710,
-21.6780, -47.6780

■ 255.0000, -0.0000,
-0.0000

■ 104.9010,
-23.5120, -47.4800

■ 187.7010,
-20.0730, -49.2330

■ 75.9110, -29.4720,
-49.6000

■ 216.1740,
-20.0270, -50.0670

■ 53.4170, -25.0250,
-47.5930

■ 228.5100,
-11.6850, -36.0450

■ 38.7420, -18.1500,
-34.5180

■ 240.3730, -3.3890,
-21.1890

■ 25.8280, -12.1000,
-23.0120

■ 252.3500, 4.5860,
-6.0220

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,

0.0000

■ 132.2710,
-21.6780, -47.6780

■ 132.2710,
-21.6780, -47.6780

■ 125.5490,
-25.7570, -56.3570

■ 138.9930,
-17.5990, -38.9990

■ 119.1260,
-29.2400, -64.8240

■ 145.4160,
-14.1160, -30.5320

■ 112.4040,
-33.3190, -73.5030

■ 152.1380,
-10.0370, -21.8530

■ 105.6820,
-37.3980, -82.1820

■ 158.8600, -5.9580,
-13.1740

■ 102.7910,
-39.3230, -85.8430

■ 165.2830, -2.4750,
-4.7070

■ 171.8910, 1.9250,
3.6610

■ 178.6130, 6.0040,
12.3400

■ 185.0360, 9.4870,
20.8070

■ 191.7580, 13.5660,
29.4860

Harmonies

Analogous

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



140.9170, 32.2850, -39.9630



132.2710, -21.6780, -47.6780



117.2030, -88.8920, -52.0280

Triad

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



132.2710, -21.6780, -47.6780



124.7510, -126.6800, -5.9440



147.7060, 81.2380, 36.5500

Complementary

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



132.2710, -21.6780, -47.6780



111.7290, 21.6780, 47.6780

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.



151.1600, 57.0730, 50.4890



132.2710, -21.6780, -47.6780



147.4450, -54.3360, 26.5920

Square

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



132.2710, -21.6780, -47.6780



127.7710, -121.4050, -18.9490



155.2270, 11.4080, 46.5760



147.4290, 82.4350, 9.3390

Rectangle

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



132.2710, -21.6780, -47.6780



122.0080, -101.0440, -41.0440



155.2270, 11.4080, 46.5760



147.8830, 76.6060, 43.4060

Sweetspot

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



132.2710, -21.6780, -47.6780



204.6160, -8.3870, -18.7150



153.5880, 32.3740, -25.0500



101.2130, -5.4540, -11.2940



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



132.2710, -21.6780, -47.6780



161.5780, -33.8690, -74.5490



134.6240, -38.3690, -37.0330



80.6960, -2.2000, -4.1840



90.1650, -34.1440, -75.0720



12.3380, -4.3080, -10.0360

Inverse Universe

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



111.7290, 21.6780, 47.6780



129.4220, 33.8690, 74.5490



109.3760, 38.3690, 37.0330



79.3040, 2.2000, 4.1840



57.8350, 34.1440, 75.0720



7.9610, 4.9040, 10.2480

Previews

White Background



This preview shows how the YIQ color 132.2710, -21.6780, -47.6780 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 132.2710, -21.6780, -47.6780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

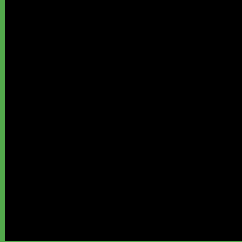
Any Text WCAG AA ✓ Pass

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 132.2710, -21.6780, -47.6780 Background



This preview shows how black text looks on a background with the YIQ color 132.2710, -21.6780, -47.6780.



This preview shows how white text looks on a background with the YIQ color 132.2710, -21.6780, -47.6780.

-47.6780.

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

132.2710, -21.6780, -47.6780

Protanopia

145.5500, 35.5370, -21.7990

Deuteranopia

148.0060, 43.4210, -10.4910



Tritanopia

143.4390, -38.1450, -8.0410

Trichromacy



Original Color

132.2710, -21.6780, -47.6780

Protanomaly

140.6180, 14.4940, -31.4100

Deuteranomaly

141.8840, 19.8570, -23.9750

Tritanomaly

139.7040, -32.1820, -22.5020

Monochromacy



Original Color

132.2710, -21.6780, -47.6780

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8550, -7.5620, -17.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.2710, -21.6780, -47.6780 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(82, 169, 75)` looks like.

```
.text, #text, p{  
    color:rgb(82, 169, 75)  
}
```

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(82, 169, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 169, 75) }
```

Border

The CSS property to change the border of an element to YIQ 132.2710, -21.6780, -47.6780 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(82, 169, 75) }
```


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

```
.border{ border-color:rgb(82, 169, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 169, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 169, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 169, 75);  
box-shadow:4px 4px 4px 4px rgb(82, 169,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 132.2710, -21.6780, -47.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 169, 75) }
```

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

```
.background{ background-color: rgb(82, 169,  
75) }
```

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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