

Converting Colors

YIQ(121.3140, -15.2100,
-65.7860)

Have a look what the booklet for
YIQ(121.3140, -15.2100, -65.7860)
contains.

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Color

**YIQ(121.3140, -15.2100,
-65.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	42A81A
RGB	66, 168, 26
RGB Percent	26%, 66%, 10%
CMY	0.7415, 0.3410, 0.8980
CMYK	0.61, 0.00, 0.85, 0.34
HSL	103°, 73%, 38%
HSV	103°, 85%, 66%
XYZ	16.4382, 29.2509, 5.7576
YIQ	121.3140, -15.2100, -65.7860

Conversions

Conversions Part 2

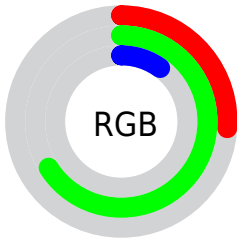
Format	Color
R_{YB}	26, 168, 128
Decimal	4368410
CIE Lab	61.00, -53.33, 57.69
CIE LCh	61, 78.568, 132.750
Yxy	29.2509, 0.3195, 0.5686
Android (android.graphics.Color)	4282558490 (0xFF42A81A)
YUV	121.3140, -46.9898, -48.5104
Hunter-Lab	54.0841, -40.3945, 31.5470

Details

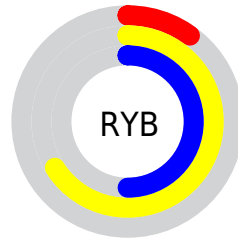
The YIQ color **121.3140, -15.2100, -65.7860** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **72.6860, 15.2100, 65.7860**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **178.8520, -13.7890, -64.0050**, and **67.5050, -31.6250, -60.1450** is the 20% darker color. If you saturate the color by 10%, you get **115.7880, -16.9050, -73.6170**, and if you desaturate by 10%, it is **126.8400, -13.5150, -57.9550**.

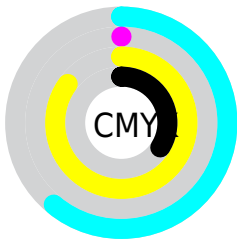
Distribution



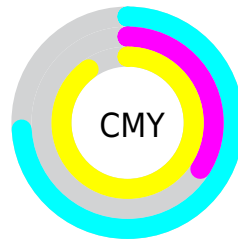
- Red (26%)
- Green (66%)
- Blue (10%)



- Red (10%)
- Yellow (66%)
- Blue (50%)



- Cyan (61%)
- Magenta (0%)
- Yellow (85%)
- Black (34%)





- Cyan (74%)
- Magenta (34%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.3140, -15.2100, -65.7860 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 121.3140, -15.2100, -65.7860 by changing the saturation by 10% instead.


 121.3140,
-15.2100, -65.7860


 121.3140,
-15.2100, -65.7860


 255.0000, -0.0000,
-0.0000

 91.4380, -21.4910,
-67.5950


 178.8520,
-13.7890, -64.0050


 67.5050, -31.6250,
-60.1450


 207.6240,
-13.1470, -64.6270


 52.2430, -24.4750,
-46.5470


 220.5470, -5.0800,
-51.1280

 38.1550, -17.8750,
-33.9950

 232.7090, 3.8120,
-36.0600

 25.2410, -11.8250,
-22.4890

 244.8710, 12.7040,
-20.9920

 4.1090, -1.9250,
-3.6610

 251.4660, 9.9510,

 0.0000, 0.0000,

-9.6410

0.0000

254.8860, 0.3210,
-0.3110

■ 121.3140,
-15.2100, -65.7860

■ 121.3140,
-15.2100, -65.7860

■ 115.7880,
-16.9050, -73.6170

■ 126.8400,
-13.5150, -57.9550

■ 112.6690,
-18.1880, -77.9000

■ 132.3660,
-11.8200, -50.1240

■ 137.7780, -9.8040,
-42.6040

■ 143.3040, -8.1090,
-34.7730

■ 148.8300, -6.4140,
-26.9420

■ 154.3560, -4.7190,
-19.1110

■ 160.1810, -2.4280,
-11.0680

■ 165.5930, -0.4120,
-3.5480

■ 171.1190, 1.2830,
4.2830

Harmonies

Analogous

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



134.6610, 47.3250, -48.2190



121.3140, -15.2100, -65.7860



114.4670, -81.1880, -59.4920

Triad

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



121.3140, -15.2100, -65.7860



126.5120, -127.5050, -7.5130



128.7810, 94.9890, 57.1730

Complementary

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



121.3140, -15.2100, -65.7860



72.6860, 15.2100, 65.7860

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.



141.6090, 66.8350, 71.8190



121.3140, -15.2100, -65.7860



114.7720, -122.0050, 2.9470

Square

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



121.3140, -15.2100, -65.7860



130.7860, -125.7610, -17.0970



150.4450, -0.4690, 58.0830



137.8560, 106.4580, 20.0100

Rectangle

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



121.3140, -15.2100, -65.7860



121.8140, -97.7420, -45.8220



150.4450, -0.4690, 58.0830



130.2290, 88.1560, 65.3720

Sweetspot

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



121.3140, -15.2100, -65.7860



201.0690, -5.5890, -25.3730



128.3320, 56.5820, -23.2420



99.0620, -3.7110, -15.3510



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.



121.3140, -15.2100, -65.7860



147.0910, -23.2730, -101.3930



112.8880, -49.0010, -64.6250



81.2940, -1.0080, -3.7600



99.4340, -15.6680, -68.5000



13.5340, -1.9240, -9.1880

Inverse Universe

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



72.6860, 15.2100, 65.7860



72.2080, 23.8690, 101.6050



81.1120, 49.0010, 64.6250



78.7060, 1.0080, 3.7600



48.5660, 15.6680, 68.5000



6.7650, 2.5200, 9.4000

Previews

White Background



This preview shows how the YIQ color 121.3140, -15.2100, -65.7860 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 121.3140, -15.2100, -65.7860 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 121.3140, -15.2100, -65.7860 Background



This preview shows how black text looks on a background with the YIQ color 121.3140, -15.2100, -65.7860.



This preview shows how white text looks on a background with the YIQ color 121.3140, -15.2100, -65.7860.

-65.7860.

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

121.3140, -15.2100, -65.7860

Protanopia

137.9040, 51.4950, -35.6810

Deuteranopia

141.2120, 57.0400, -20.5280



Tritanopia

138.6450, -41.7210, -9.3130

Trichromacy



Original Color

121.3140, -15.2100, -65.7860



Protanomaly

132.0640, 27.1970, -46.8750



Deuteranomaly

134.1280, 30.3130, -37.2630



Tritanomaly

132.0750, -32.0890, -29.6970

Monochromacy



Original Color

121.3140, -15.2100, -65.7860



Achromatopsia

121.0000, -0.0000, 0.0000



Achromatomaly

121.0090, -5.3600, -24.0160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.3140, -15.2100, -65.7860 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(66, 168, 26)` looks like.

```
.text, #text, p{  
    color:rgb(66, 168, 26)  
}
```

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(66, 168, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 168, 26) }
```

Border

The CSS property to change the border of an element to YIQ 121.3140, -15.2100, -65.7860 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(66, 168, 26) }
```


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

```
.border{ border-color:rgb(66, 168, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 168, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 168, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 168, 26);  
box-shadow:4px 4px 4px 4px rgb(66, 168,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 121.3140, -15.2100, -65.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 168, 26) }
```

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

```
.background{ background-color: rgb(66, 168,  
26) }
```

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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