

Converting Colors

YIQ(146.3470, 24.7220,
-51.5820)

Have a look what the booklet for
YIQ(146.3470, 24.7220, -51.5820)
contains.

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Color

**YIQ(146.3470, 24.7220,
-51.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	8AAD1F
RGB	138, 173, 31
RGB Percent	54%, 68%, 12%
CMY	0.4590, 0.3215, 0.8782
CMYK	0.20, 0.00, 0.82, 0.32
HSL	75°, 70%, 40%
HSV	75°, 82%, 68%
XYZ	25.6683, 35.3914, 6.7784
YIQ	146.3470, 24.7220, -51.5820

Conversions

Conversions Part 2

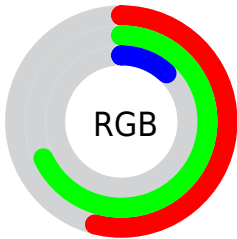
Format	Color
RYB	31, 173, 66
Decimal	9088287
CIELab	66.05, -30.48, 62.20
CIElCh	66, 69.272, 116.108
Yxy	35.3914, 0.3784, 0.5217
Android (android.graphics.Color)	4287278367 (0xFF8AAD1F)
YUV	146.3470, -56.8661, -7.3203
Hunter-Lab	59.4907, -27.0916, 34.8880

Details

The YIQ color **146.3470, 24.7220, -51.5820** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **57.6530, -24.7220, 51.5820**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9880, 24.3550, -50.4370**, and **95.8440, 16.1930, -45.6870** is the 20% darker color. If you saturate the color by 10%, you get **143.2130, 27.7950, -57.7170**, and if you desaturate by 10%, it is **149.4810, 21.6490, -45.4470**.

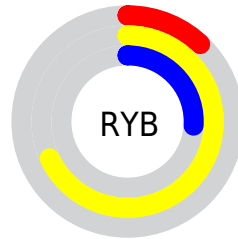
Distribution



Red (54%)

Green (68%)

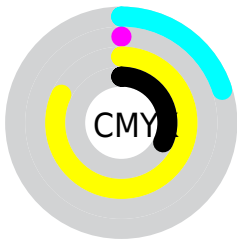
Blue (12%)



Red (12%)

Yellow (68%)

Blue (26%)

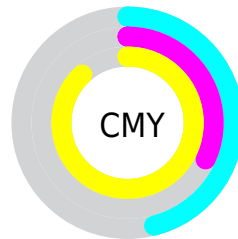


Cyan (20%)

Magenta (0%)

Yellow (82%)

Black (32%)



Cyan (46%)

Magenta (32%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.3470, 24.7220, -51.5820 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 146.3470, 24.7220, -51.5820 by changing the saturation by 10% instead.

■ 146.3470, 24.7220,
-51.5820

■ 146.3470, 24.7220,
-51.5820

■ 255.0000, -0.0000,
-0.0000

■ 118.5920, 25.4100,
-53.0380

■ 202.9880, 24.3550,
-50.4370

■ 95.8440, 16.1930,
-45.6870

■ 229.9990, 25.8220,
-49.4900

■ 73.3950, 7.5720,
-38.1240

■ 242.1610, 34.7140,
-34.4220

■ 50.3370, -3.7080,
-31.9320

■ 245.6520, 26.3220,
-25.5020

■ 28.7630, -13.4750,
-25.6270

■ 248.8440, 17.3340,
-16.7940

■ 17.0230, -7.9750,
-15.1670

■ 252.1500, 8.0250,

■ 0.0000, 0.0000,

-7.7750

0.0000

■ 146.3470, 24.7220,
-51.5820

■ 146.3470, 24.7220,
-51.5820

■ 143.2130, 27.7950,
-57.7170

■ 149.4810, 21.6490,
-45.4470

■ 140.4210, 29.9050,
-62.9190

■ 153.0280, 18.8510,
-38.7890

■ 156.1620, 15.7780,
-32.6540

■ 159.2960, 12.7050,
-26.5190

■ 162.5440, 9.3110,
-20.0730

■ 165.9770, 6.8340,
-13.7260

■ 169.1110, 3.7610,
-7.5910

■ 172.2450, 0.6880,
-1.4560

■ 175.4930, -2.7060,
4.9900

Harmonies

Analogous

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



150.8710, 73.4570, -37.2230



146.3470, 24.7220, -51.5820



130.1850, -54.0910, -60.4830

Triad

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



146.3470, 24.7220, -51.5820



137.0780, -132.4550, -16.9270



153.8520, 69.8640, 55.4640

Complementary

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



146.3470, 24.7220, -51.5820



57.6530, -24.7220, 51.5820

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.



164.3590, 29.0120, 57.9400



146.3470, 24.7220, -51.5820



128.8600, -128.6050, -9.6050

Square

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



146.3470, 24.7220, -51.5820



135.3390, -120.6690, -32.2930



158.4150, -36.4560, 32.9520



150.4200, 87.7950, 33.3550

Rectangle

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



146.3470, 24.7220, -51.5820



124.9480, -92.7880, -58.5160



158.4150, -36.4560, 32.9520



158.5940, 62.0230, 59.9030

Sweetspot

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



146.3470, 24.7220, -51.5820



213.7290, 10.2280, -20.1720



92.8290, 75.5570, 12.8450



105.8460, 5.8250, -11.9590



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



146.3470, 24.7220, -51.5820



182.7740, 38.4360, -79.8680



125.7160, -16.4020, -66.2100



85.3760, 1.6970, -3.2230



121.8370, 26.0980, -54.4940



18.5840, 3.8070, -8.4250

Inverse Universe

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



57.6530, -24.7220, 51.5820



45.5250, -37.8400, 80.0800



78.2840, 16.4020, 66.2100



79.6240, -1.6970, 3.2230



28.1630, -26.0980, 54.4940



4.4160, -3.8070, 8.4250

Previews

White Background



This preview shows how the YIQ color 146.3470, 24.7220, -51.5820 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 146.3470, 24.7220, -51.5820 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 146.3470, 24.7220, -51.5820

Background



This preview shows how black text looks on a background with the YIQ color 146.3470, 24.7220, -51.5820.



This preview shows how white text looks on a background with the YIQ color 146.3470, 24.7220,

-51.5820.

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

146.3470, 24.7220, -51.5820

Protanopia

150.9320, 54.2920, -36.8120

Deuteranopia

154.2250, 64.1930, -23.5110



Tritanopia

159.7910, -9.5370, 2.1350

Trichromacy



Original Color

146.3470, 24.7220, -51.5820

Protanomaly

149.4960, 43.6560, -42.2960

Deuteranomaly

151.5880, 49.5690, -33.8150

Tritanomaly

154.7160, 3.0750, -17.1890

Monochromacy



Original Color

146.3470, 24.7220, -51.5820

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1850, 8.9440, -18.9280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.3470, 24.7220, -51.5820 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(138, 173, 31)` looks like.

```
.text, #text, p{  
    color:rgb(138, 173, 31)  
}
```

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(138, 173, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 173, 31) }
```

Border

The CSS property to change the border of an element to YIQ 146.3470, 24.7220, -51.5820 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(138, 173, 31) }
```


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

```
.border{ border-color:rgb(138, 173, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 173, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 173, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 173, 31);  
box-shadow:4px 4px 4px 4px rgb(138, 173,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 146.3470, 24.7220, -51.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 173, 31) }
```

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

```
.background{ background-color: rgb(138,  
173, 31) }
```

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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