

Converting Colors

`RYB(26, 255, 164)`

Have a look what the booklet for
RYB(26, 255, 164) contains.

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Color

`RYB(26, 255, 164)`

Conversions

Conversions Part 1

Format	Color
Hex	75FF1A
RGB	117, 255, 26
RGB Percent	46%, 100%, 10%
CMY	0.5412, 0.0000, 0.8980
CMYK	0.54, 0.00, 0.90, 0.00
HSL	96°, 100%, 55%
HSV	96°, 90%, 100%
XYZ	43.2826, 75.3765, 13.2452
YIQ	187.6320, -8.7390, -100.4750

Conversions

Conversions Part 2

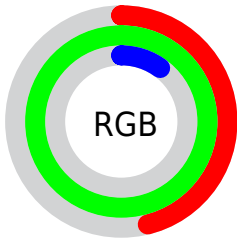
Format	Color
R _Y B	26, 255, 164
Decimal	7733018
CIE Lab	89.57, -70.36, 82.92
CIE LCh	90, 108.749, 130.317
Yxy	75.3765, 0.3281, 0.5714
Android (android.graphics.Color)	4285923098 (0xFF75FF1A)
YUV	187.6320, -79.6846, -61.9443
Hunter-Lab	86.8196, -62.9460, 51.7285

Details

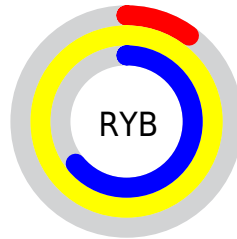
The RYB color **26, 255, 164** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **164, 26, 255**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **100, 255, 174**, and **0, 197, 159** is the 20% darker color. If you saturate the color by 10%, you get **0, 255, 153**, and if you desaturate by 10%, it is **51, 255, 174**.

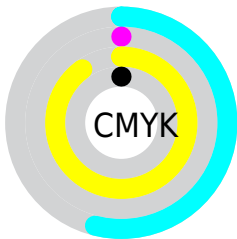
Distribution



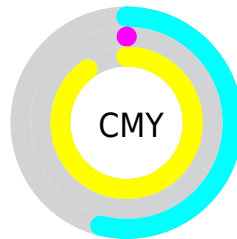
- Red (46%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (64%)



- Cyan (54%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





















- Cyan (54%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the RYB color 26, 255, 164 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 RYB color 26, 255, 164 by changing the saturation by 10% instead.

 26, 255, 164	 26, 255, 164
 255, 255, 255	 0, 226, 144
 100, 255, 174	 0, 197, 159
 131, 255, 174	 0, 169, 169
 160, 255, 172	 0, 141, 141
 190, 255, 190	 0, 115, 115
 220, 255, 220	 0, 89, 89
 250, 255, 250	 0, 64, 64
	 0, 39, 39
	 0, 0, 0

 26, 255, 164

 26, 255, 164

 0, 255, 153

 51, 255, 174

 0, 255, 154

 77, 255, 184

 102, 255, 194

 128, 255, 205

 153, 255, 214

 179, 255, 225

 204, 255, 234

 230, 255, 245

255, 255, 255

Harmonies

Analogous

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



5, 237, 0



26, 255, 164



0, 161, 255

Triad

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



26, 255, 164



0, 128, 255



255, 101, 194

Complementary

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



26, 255, 164



164, 26, 255

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.



255, 123, 255



26, 255, 164



0, 120, 255

Square

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



26, 255, 164



0, 128, 255



255, 179, 255



255, 164, 94

Rectangle

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



26, 255, 164



0, 136, 255



255, 179, 255



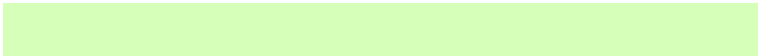
255, 100, 229

Sweetspot

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



26, 255, 164



186, 255, 227



180, 255, 26



87, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



26, 255, 164



0, 255, 154



26, 234, 255



115, 128, 123



0, 191, 115



0, 64, 39

Inverse Universe

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



164, 26, 255



154, 0, 255



255, 26, 232



122, 115, 128



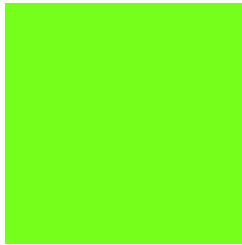
115, 0, 191



38, 0, 64

Previews

White Background



This preview shows how the RYB color 26, 255, 164 looks on a white background.

Color Contrast Check

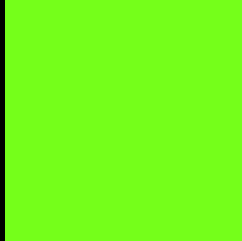
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 26, 255, 164 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

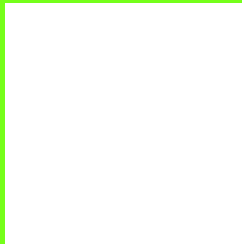
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 26, 255, 164 Background



This preview shows how black text looks on a background with the RYB color 26, 255, 164.



This preview shows how white text looks on a background with the RYB color 26, 255, 164.

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

26, 255, 164

Protanopia

42, 252, 10

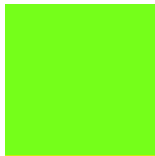
Deuteranopia

226, 255, 164



Tritanopia
157, 201, 255

Trichromacy



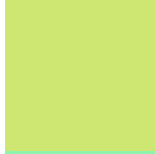
Original Color

26, 255, 164



Protanomaly

16, 235, 48



Deuteranomaly

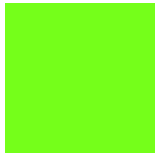
114, 231, 140



Tritanomaly

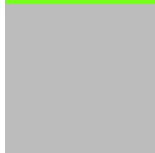
142, 221, 244

Monochromacy



Original Color

26, 255, 164



Achromatopsia

188, 188, 188



Achromatomaly

129, 212, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 26, 255, 164 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(117, 255, 26)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 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(117, 255, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 26) }
```

Border

The CSS property to change the border of an element to RYB 26, 255, 164 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(117, 255, 26) }
```

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

```
.border{ border-color:rgb(117, 255, 26) }
```

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

Here you see how a box with a 4 pixel rgb(117, 255, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 26);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
26) }
```

Background

The CSS property to change the background color of an element to RGB 26, 255, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 26) }
```

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

```
.background{ background-color: rgb(117,  
255, 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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