

Converting Colors

YIQ(128.0660, -87.4820,
10.5500)

Have a look what the booklet for
YIQ(128.0660, -87.4820, 10.5500)
contains.

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Color

**YIQ(128.0660, -87.4820,
10.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	3391F3
RGB	51, 145, 243
RGB Percent	20%, 57%, 95%
CMY	0.8001, 0.4312, 0.0475
CMYK	0.79, 0.40, 0.00, 0.05
HSL	211°, 89%, 58%
HSV	211°, 79%, 95%
XYZ	27.6560, 27.4302, 88.5456
YIQ	128.0660, -87.4820, 10.5500

Conversions

Conversions Part 2

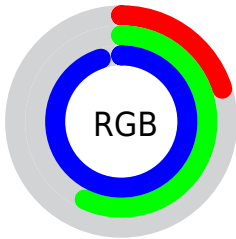
Format	Color
R _Y B	51, 114, 243
Decimal	3379699
CIE Lab	59.37, 6.45, -56.73
CIE LCh	59, 57.097, 276.488
Yxy	27.4302, 0.1925, 0.1910
Android (android.graphics.Color)	4281569779 (0xFF3391F3)
YUV	128.0660, 56.6625, -67.5869
Hunter-Lab	52.3739, 2.6025, -63.5765

Details

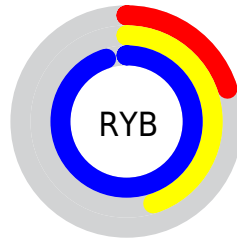
The YIQ color **128.0660, -87.4820, 10.5500** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **165.9340, 87.4820, -10.5500**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.6710, -61.8050, 2.2510**, and **76.9690, -85.8310, 8.1610** is the 20% darker color. If you saturate the color by 10%, you get **113.8460, -98.4860, 11.7380**, and if you desaturate by 10%, it is **142.2860, -76.4780, 9.3620**.

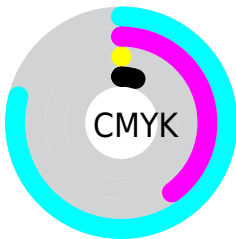
Distribution



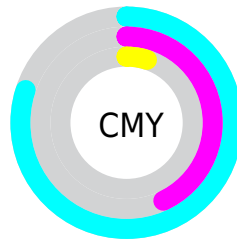
- Red (20%)
- Green (57%)
- Blue (95%)



- Red (20%)
- Yellow (45%)
- Blue (95%)



- Cyan (79%)
- Magenta (40%)
- Yellow (0%)
- Black (5%)



- Cyan (80%)
- Magenta (43%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.0660, -87.4820, 10.5500 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 128.0660, -87.4820, 10.5500 by changing the saturation by 10% instead.

■ 128.0660,
-87.4820, 10.5500

■ 128.0660,
-87.4820, 10.5500

■ 255.0000, -0.0000,
-0.0000

■ 94.8360,
-101.6940, 3.7940

■ 182.6710,
-61.8050, 2.2510

■ 76.9690, -85.8310,
8.1610

■ 208.6750,
-50.4330, -5.6090

■ 60.3900, -70.8390,
11.7930

■ 234.9670,
-39.9320, -14.2040

■ 44.9850, -56.3970,
14.3790

■ 244.2360,
-21.4560, -7.6320

■ 30.2810, -42.5510,
16.7530

■ 253.5050, -2.9800,
-1.0600

■ 13.9300, -28.2010,
21.0070

■ 9.4330, -19.6720,

15.1120

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 128.0660,
-87.4820, 10.5500

■ 128.0660,
-87.4820, 10.5500

■ 113.8460,
-98.4860, 11.7380

■ 142.2860,
-76.4780, 9.3620

■ 98.7400,
-109.8110, 13.2370

■ 157.3920,
-65.1530, 7.8630

■ 97.5550,
-110.7280, 13.3360

■ 171.6120,
-54.1490, 6.6750

■ 186.4190,
-43.4200, 4.9640

■ 200.6390,
-32.4160, 3.7760

■ 215.1580,
-20.8160, 2.8000

■ 229.9650,
-10.0870, 1.0890

■ 244.1850, 0.9170,
-0.0990

■ 253.6320, 3.8520,
-3.7320

Harmonies

Analogous

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



120.1230, -119.1600, -10.0720



128.0660, -87.4820, 10.5500



146.4520, -11.5150, 37.9970

Triad

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



128.0660, -87.4820, 10.5500



140.1980, 79.1320, 19.6440



107.7820, -77.5210, -54.3610

Complementary

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



128.0660, -87.4820, 10.5500



165.9340, 87.4820, -10.5500

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.



130.2370, 2.0250, -42.2230



128.0660, -87.4820, 10.5500



139.5330, 69.7380, -8.3580

Square

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



128.0660, -87.4820, 10.5500



141.5940, 70.0500, 41.0740



135.7170, 44.8920, -31.6520



115.4710, -95.0380, -39.7580

Rectangle

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



128.0660, -87.4820, 10.5500



147.0450, 23.6040, 45.8120



135.7170, 44.8920, -31.6520



121.2290, -39.0550, -46.6310

Sweetspot

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



128.0660, -87.4820, 10.5500



218.5640, -27.8310, 3.2810



174.6480, -83.6160, -70.5600



105.7840, -16.8270, 2.0930



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.



128.0660, -87.4820, 10.5500



109.8540, -110.1320, 13.5480



72.8880, -61.6320, 59.7120



114.8900, -5.5020, 0.5940



74.6210, -84.7310, 10.2530



23.7490, -26.9140, 3.1820

Inverse Universe

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



119.1240, 84.2580, 69.9380



98.8100, 106.3540, 88.0020



221.1120, 61.6320, -59.7120



114.2720, 5.2260, 4.4100



65.9880, 81.6450, 67.7330



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 128.0660, -87.4820, 10.5500 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 128.0660, -87.4820, 10.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

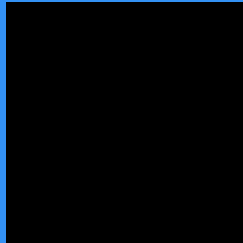
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

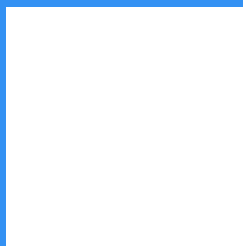
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 128.0660, -87.4820, 10.5500

Background



This preview shows how black text looks on a background with the YIQ color 128.0660, -87.4820, 10.5500.



This preview shows how white text looks on a background with the YIQ color 128.0660, -87.4820, 10.5500.

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

128.0660, -87.4820, 10.5500

Protanopia

138.8100, -54.1060, 22.4220

Deuteranopia

131.0780, -78.5880, 14.5640



Tritanopia

112.0120, -97.6990, -30.0750

Trichromacy



Original Color

128.0660, -87.4820, 10.5500

Protanomaly

134.8300, -66.0260, 18.1820

Deuteranomaly

130.1700, -81.8430, 12.9810

Tritanomaly

117.8360, -93.6670, -15.0350

Monochromacy



Original Color

128.0660, -87.4820, 10.5500

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9380, -31.8200, 3.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.0660, -87.4820, 10.5500 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(51, 145, 243)` looks like.

```
.text, #text, p{  
    color:rgb(51, 145, 243)  
}
```

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(51, 145, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 145, 243) }
```

Border

The CSS property to change the border of an element to YIQ 128.0660, -87.4820, 10.5500 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(51, 145, 243) }
```


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

```
.border{ border-color:rgb(51, 145, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 145, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 145, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 145, 243);  
box-shadow:4px 4px 4px 4px rgb(51, 145,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 128.0660, -87.4820, 10.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 145, 243) }
```

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

```
.background{ background-color: rgb(51, 145,  
243) }
```

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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