

Converting Colors

YIQ(86.6530, -95.7840, 28.8560)

Have a look what the booklet for
YIQ(86.6530, -95.7840, 28.8560)
contains.

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Color

**YIQ(86.6530, -95.7840,
28.8560)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0D5EF2 |
| RGB | 13, 94, 242 |
| RGB Percent | 5%, 37%, 95% |
| CMY | 0.9489, 0.6312, 0.0515 |
| CMYK | 0.95, 0.61, 0.00, 0.05 |
| HSL | 219°, 90%, 50% |
| HSV | 219°, 95%, 95% |
| XYZ | 20.1794, 14.5001, 85.6403 |
| YIQ | 86.6530, -95.7840, 28.8560 |

Conversions

Conversions Part 2

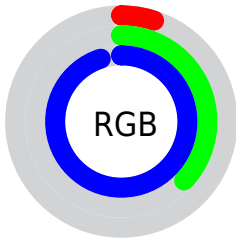
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 13, 73, 242 |
| Decimal | 876274 |
| CIE _{Lab} | 44.94, 35.60, -79.54 |
| CIE _{LCh} | 45, 87.148, 294.112 |
| Yxy | 14.5001, 0.1677, 0.1205 |
| Android (android.graphics.Color) | 4279066354 (0xFF0D5EF2) |
| YUV | 86.6530, 76.5861, -64.5937 |
| Hunter-Lab | 38.0790, 27.9552, -106.6887 |

Details

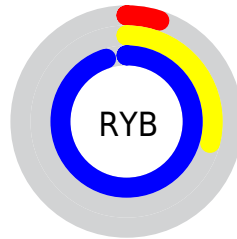
The YIQ color **86.6530, -95.7840, 28.8560** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **168.3470, 95.7840, -28.8560**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.3850, -54.1070, 27.9490**, and **49.8530, -72.8600, 31.9080** is the 20% darker color. If you saturate the color by 10%, you get **78.0700, -101.3320, 30.2840**, and if you desaturate by 10%, it is **103.2210, -85.8800, 25.5760**.

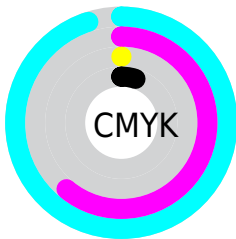
Distribution



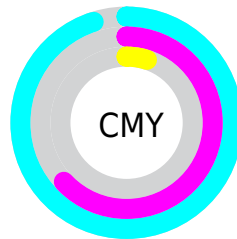
- Red (5%)
- Green (37%)
- Blue (95%)



- Red (5%)
- Yellow (29%)
- Blue (95%)



- Cyan (95%)
- Magenta (61%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (63%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.6530, -95.7840, 28.8560 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 86.6530, -95.7840, 28.8560 by changing the saturation by 10% instead.

■ 86.6530, -95.7840,
28.8560

■ 86.6530, -95.7840,
28.8560

■ 255.0000, -0.0000,
-0.0000

■ 65.9590, -87.8980,
29.1100

■ 147.3850,
-54.1070, 27.9490

■ 50.3260, -72.8140,
31.0740

■ 172.8130,
-40.9930, 21.5590

■ 35.5080, -58.6470,
33.1370

■ 198.2300,
-29.3460, 14.2220

■ 23.0380, -45.5800,
33.1080

■ 224.2340,
-17.9740, 6.3620

■ 15.9650, -35.3090,
28.6830

■ 250.5260, -7.4730,
-2.2330

■ 14.7620, -27.7880,
19.0280

■ 9.2050, -19.0300,

14.4900

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,
1.5550

■ 86.6530, -95.7840,
28.8560

■ 86.6530, -95.7840,
28.8560

■ 78.0700,
-101.3320, 30.2840

■ 103.2210,
-85.8800, 25.5760

■ 119.2020,
-75.7010, 22.8190

■ 136.0690,
-65.2010, 19.7510

■ 152.6370,
-55.2970, 16.4710

■ 168.6180,
-45.1180, 13.7140

■ 185.1860,
-35.2140, 10.4340

■ 201.1670,
-25.0350, 7.6770

■ 218.0340,
-14.5350, 4.6090

■ 234.6020, -4.6310,
1.3290

Harmonies

Analogous

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



99.9830, -114.8090, 15.7110



86.6530, -95.7840, 28.8560



97.8070, 31.3470, 76.2030

Triad

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



86.6530, -95.7840, 28.8560



92.9270, 98.5280, 9.5360



88.8040, -65.4190, -42.4030

Complementary

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



86.6530, -95.7840, 28.8560



168.3470, 95.7840, -28.8560

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.



75.7230, -35.4750, -67.4670



86.6530, -95.7840, 28.8560



100.5710, 57.4070, -21.6730

Square

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



86.6530, -95.7840, 28.8560



73.0180, 116.4910, 63.9710



91.3810, 10.1870, -46.9730



97.9410, -89.7690, -19.6010

Rectangle

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



86.6530, -95.7840, 28.8560



80.2600, 78.8440, 90.9720



91.3810, 10.1870, -46.9730



85.2530, -56.7980, -49.9660

Sweetspot

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



86.6530, -95.7840, 28.8560



206.7690, -29.6660, 9.0060



163.9530, -109.5200, -74.6720



97.8210, -18.2490, 5.8390



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.



86.6530, -95.7840, 28.8560



81.9000, -106.6050, 32.2350



48.3750, -55.0330, 77.7910



111.7160, -4.9520, 1.6400



59.1310, -76.9390, 23.2290



18.1240, -23.4760, 6.9560

Inverse Universe

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



90.7050, 110.4830, 73.7390



86.5050, 123.0900, 82.0500



206.6250, 55.0330, -77.7910



112.0440, 5.8680, 3.7880



62.4260, 88.7990, 59.2230



19.0240, 26.9560, 18.0920

Previews

White Background



This preview shows how the YIQ color 86.6530, -95.7840, 28.8560 looks on a white background.

Color Contrast Check

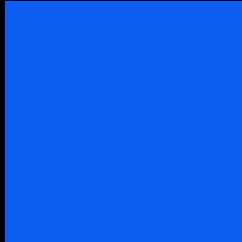
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 86.6530, -95.7840, 28.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

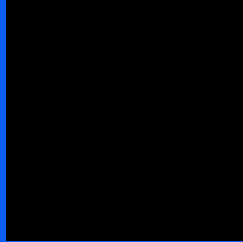
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.6530, -95.7840, 28.8560

Background



This preview shows how black text looks on a background with the YIQ color 86.6530, -95.7840, 28.8560.



This preview shows how white text looks on a background with the YIQ color 86.6530, -95.7840,

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

86.6530, -95.7840, 28.8560

Protanopia

84.3840, -97.0650, 13.5190

Deuteranopia

84.3720, -88.7640, 0.7400



Tritanopia

82.8150, -71.9790, -22.6270

Trichromacy



Original Color

86.6530, -95.7840, 28.8560

Protanomaly

85.2580, -96.4700, 19.2580

Deuteranomaly

85.3260, -91.1500, 10.9460

Tritanomaly

84.5160, -80.6020, -4.0100

Monochromacy



Original Color

86.6530, -95.7840, 28.8560

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.0720, -34.8930, 10.1230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.6530, -95.7840, 28.8560 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(13, 94, 242)` looks like.

```
.text, #text, p{  
    color:rgb(13, 94, 242)  
}
```

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(13, 94, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 94, 242) }
```

Border

The CSS property to change the border of an element to YIQ 86.6530, -95.7840, 28.8560 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(13, 94, 242) }
```


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

```
.border{ border-color:rgb(13, 94, 242) }
```

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

Here you see how a box with a 4 pixel rgb(13, 94, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 94, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 94, 242);  
box-shadow:4px 4px 4px 4px rgb(13, 94,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 86.6530, -95.7840, 28.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 94, 242) }
```

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

```
.background{ background-color: rgb(13, 94,  
242) }
```

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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