

Converting Colors

YIQ(128.2080, -75.8380,
19.7940)

Have a look what the booklet for
YIQ(128.2080, -75.8380, 19.7940)
contains.

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Color

**YIQ(128.2080, -75.8380,
19.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	4488F6
RGB	68, 136, 246
RGB Percent	27%, 53%, 96%
CMY	0.7334, 0.4665, 0.0357
CMYK	0.72, 0.45, 0.00, 0.04
HSL	217°, 91%, 62%
HSV	217°, 72%, 96%
XYZ	27.8099, 25.4923, 90.5643
YIQ	128.2080, -75.8380, 19.7940

Conversions

Conversions Part 2

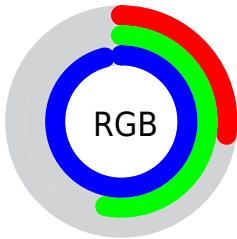
Format	Color
R _{YB}	68, 117, 246
Decimal	4491510
CIE _{Lab}	57.55, 14.90, -61.27
CIE _{LCh}	58, 63.061, 283.670
Y _{xy}	25.4923, 0.1933, 0.1772
Android (android.graphics.Color)	4282681590 (0xFF4488F6)
YUV	128.2080, 58.0715, -52.8024
Hunter-Lab	50.4899, 9.9606, -71.0062

Details

The YIQ color **128.2080, -75.8380, 19.7940** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **185.7920, 75.8380, -19.7940**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.6770, -52.7740, 9.2900**, and **72.6150, -84.5940, 13.2780** is the 20% darker color. If you saturate the color by 10%, you get **111.9280, -86.6130, 22.3390**, and if you desaturate by 10%, it is **144.4880, -65.0630, 17.2490**.

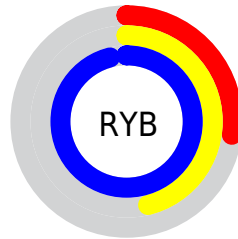
Distribution



Red (27%)

Green (53%)

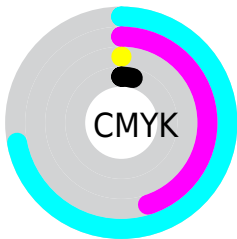
Blue (96%)



Red (27%)

Yellow (46%)

Blue (96%)

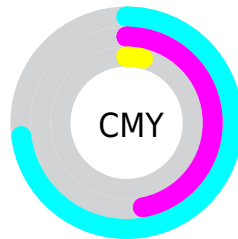


Cyan (72%)

Magenta (45%)

Yellow (0%)

Black (4%)



Cyan (73%)

Magenta (47%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.2080, -75.8380, 19.7940 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 128.2080, -75.8380, 19.7940 by changing the saturation by 10% instead.

■ 128.2080,
-75.8380, 19.7940

■ 128.2080,
-75.8380, 19.7940

■ 255.0000, -0.0000,
-0.0000

■ 92.2870, -95.4140,
11.1300

■ 180.6770,
-52.7740, 9.2900

■ 72.6150, -84.5940,
13.2780

■ 205.7950,
-41.7230, 1.7410

■ 56.5090, -69.5560,
16.0760

■ 232.0870,
-31.2220, -6.8540

■ 41.1040, -55.1140,
18.6620

■ 247.2260,
-15.4960, -5.5120

■ 27.5740, -41.8180,
19.9900

■ 14.1580, -28.8430,
21.6290

■ 10.2480, -20.5890,

15.2110

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,
3.5200

■ 128.2080,
-75.8380, 19.7940

■ 128.2080,
-75.8380, 19.7940

■ 111.9280,
-86.6130, 22.3390

■ 144.4880,
-65.0630, 17.2490

■ 95.9470, -96.7920,
25.0960

■ 160.4690,
-54.8840, 14.4920

■ 83.2220,
-104.8160, 27.3440

■ 177.3360,
-44.3840, 11.4240

■ 193.3170,
-34.2050, 8.6670

■ 209.5970,
-23.4300, 6.1220

■ 225.8770,
-12.6550, 3.5770

■ 241.8580, -2.4760,
0.8200

■ 253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



117.6270, -120.3990, -4.1350



128.2080, -75.8380, 19.7940



142.4370, 2.0090, 46.2090

Triad

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



128.2080, -75.8380, 19.7940



133.5590, 85.1850, 14.5690



107.0640, -78.2550, -52.0710

Complementary

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



128.2080, -75.8380, 19.7940



185.7920, 75.8380, -19.7940

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.



120.7080, -12.7830, -49.1910



128.2080, -75.8380, 19.7940



132.1230, 73.4080, -19.8080

Square

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



128.2080, -75.8380, 19.7940



132.6940, 81.5120, 42.6000



126.5130, 44.9860, -44.3740



114.8500, -97.4230, -35.0790

Rectangle

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



128.2080, -75.8380, 19.7940



139.6880, 38.0910, 53.0910



126.5130, 44.9860, -44.3740



103.8380, -71.9270, -56.6230

Sweetspot

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



128.2080, -75.8380, 19.7940



217.7110, -23.7510, 6.4330



185.0260, -84.2600, -58.8840



105.5070, -14.4890, 3.7750



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.



128.2080, -75.8380, 19.7940



108.2030, -94.6370, 24.5870



94.5710, -44.6220, 59.8100



114.3030, -5.2270, 1.1170



62.8810, -79.2310, 20.7130



19.6400, -24.9890, 6.8430

Inverse Universe

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



128.9740, 84.2600, 58.8840



109.0680, 105.0270, 73.4990



219.4290, 44.6220, -59.8100



114.1580, 5.5470, 4.0990



63.7080, 88.0650, 61.5130



20.1490, 28.1020, 19.3500

Previews

White Background



This preview shows how the YIQ color 128.2080, -75.8380, 19.7940 looks on a white background.

Color Contrast Check

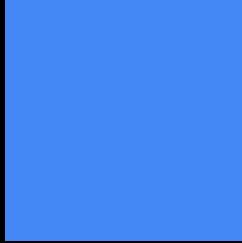
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.2080, -75.8380, 19.7940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

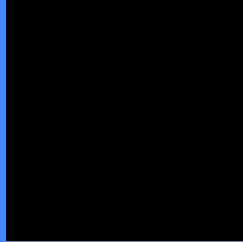
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

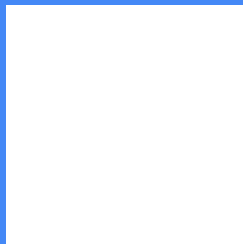
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 128.2080, -75.8380, 19.7940

Background



This preview shows how black text looks on a background with the YIQ color 128.2080, -75.8380, 19.7940.



This preview shows how white text looks on a background with the YIQ color 128.2080, -75.8380, 19.7940.

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

128.2080, -75.8380, 19.7940

Protanopia

132.1880, -63.9180, 24.0340

Deuteranopia

119.9770, -97.4770, 9.9710



Tritanopia

108.5070, -94.7190, -29.0150

Trichromacy



Original Color

128.2080, -75.8380, 19.7940

Protanomaly

130.7960, -68.6860, 22.3380

Deuteranomaly

123.2770, -89.4540, 13.2500

Tritanomaly

115.8800, -87.7990, -11.2470

Monochromacy



Original Color

128.2080, -75.8380, 19.7940

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0850, -27.7400, 7.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.2080, -75.8380, 19.7940 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(68, 136, 246)` looks like.

```
.text, #text, p{  
    color:rgb(68, 136, 246)  
}
```

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(68, 136, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 136, 246) }
```

Border

The CSS property to change the border of an element to YIQ 128.2080, -75.8380, 19.7940 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(68, 136, 246) }
```


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

```
.border{ border-color:rgb(68, 136, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 136, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 136, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 136, 246);  
box-shadow:4px 4px 4px 4px rgb(68, 136,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 128.2080, -75.8380, 19.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 136, 246) }
```

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

```
.background{ background-color: rgb(68, 136,  
246) }
```

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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