

Converting Colors

YIQ(127.9090, -50.0710,
20.8810)

Have a look what the booklet for
YIQ(127.9090, -50.0710, 20.8810)
contains.

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Color

**YIQ(127.9090, -50.0710,
20.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	5D80DB
RGB	93, 128, 219
RGB Percent	36%, 50%, 86%
CMY	0.6353, 0.4980, 0.1414
CMYK	0.58, 0.42, 0.00, 0.14
HSL	223°, 64%, 61%
HSV	223°, 58%, 86%
XYZ	25.0118, 22.8799, 70.0685
YIQ	127.9090, -50.0710, 20.8810

Conversions

Conversions Part 2

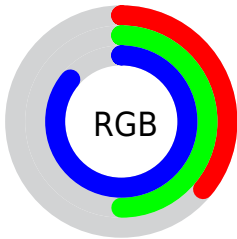
Format	Color
R _Y B	93, 120, 219
Decimal	6127835
CIE Lab	54.95, 14.60, -50.35
CIE LCh	55, 52.419, 286.169
Yxy	22.8799, 0.2120, 0.1940
Android (android.graphics.Color)	4284317915 (0xFF5D80DB)
YUV	127.9090, 44.9079, -30.6152
Hunter-Lab	47.8329, 9.6298, -53.3684

Details

The YIQ color **127.9090, -50.0710, 20.8810** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **184.0910, 50.0710, -20.8810**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.1780, -40.7630, 17.3890**, and **70.9350, -62.1280, 13.6160** is the 20% darker color. If you saturate the color by 10%, you get **111.9390, -58.7830, 24.5850**, and if you desaturate by 10%, it is **143.8790, -41.3590, 17.1770**.

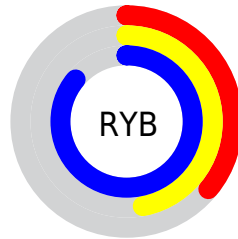
Distribution



Red (36%)

Green (50%)

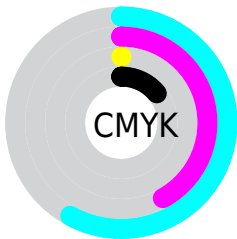
Blue (86%)



Red (36%)

Yellow (47%)

Blue (86%)

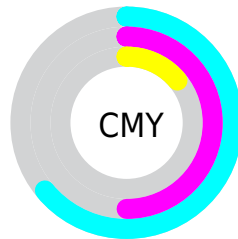


Cyan (58%)

Magenta (42%)

Yellow (0%)

Black (14%)



Cyan (64%)

Magenta (50%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.9090, -50.0710, 20.8810 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 127.9090, -50.0710, 20.8810 by changing the saturation by 10% instead.

■ 127.9090,
-50.0710, 20.8810

■ 127.9090,
-50.0710, 20.8810

■ 255.0000, -0.0000,
-0.0000

■ 100.7730,
-52.6840, 18.6760

■ 180.1780,
-40.7630, 17.3890

■ 70.9350, -62.1280,
13.6160

■ 205.2850,
-31.1790, 8.8930

■ 49.0770, -59.6520,
12.7960

■ 230.3920,
-21.5950, 0.3970

■ 33.7860, -45.5310,
15.6930

■ 250.5150, -8.9400,
-3.1800

■ 19.7830, -32.2810,
17.8550

■ 10.5900, -21.5520,
16.1440

■ 6.2070, -13.3440,

10.5600

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 127.9090,
-50.0710, 20.8810

■ 127.9090,
-50.0710, 20.8810

■ 111.9390,
-58.7830, 24.5850

■ 143.8790,
-41.3590, 17.1770

■ 95.9690, -67.4950,
28.2890

■ 159.8490,
-32.6470, 13.4730

■ 80.5860, -76.4820,
31.4700

■ 175.2320,
-23.6600, 10.2920

■ 64.6160, -85.1940,
35.1740

■ 191.2020,
-14.9480, 6.5880

■ 60.7730, -87.0740,
36.2060

■ 206.8730, -6.8320,
2.6720

■ 222.8430, 1.8800,
-1.0320

■ 238.8130, 10.5920,
-4.7360

■ 250.3090, 11.8310,
-10.6730

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



108.9070, -109.6240, -6.6800



127.9090, -50.0710, 20.8810



135.5480, 5.7700, 38.6180

Triad

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



127.9090, -50.0710, 20.8810



129.4970, 70.5600, 9.7920



101.5360, -76.4680, -45.9080

Complementary

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



127.9090, -50.0710, 20.8810



184.0910, 50.0710, -20.8810

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.



117.6190, -13.6100, -39.7060



127.9090, -50.0710, 20.8810



127.6730, 57.3600, -15.3120

Square

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



127.9090, -50.0710, 20.8810



129.5410, 68.4010, 32.4090



123.9910, 29.4410, -32.4710



108.0680, -92.1050, -32.3370

Rectangle

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



127.9090, -50.0710, 20.8810



134.2110, 34.7000, 42.9560



123.9910, 29.4410, -32.4710



99.8370, -70.1860, -49.6260

Sweetspot

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



127.9090, -50.0710, 20.8810



223.9460, -17.1030, 7.0970



177.2220, -63.5400, -37.9080



109.0730, -10.2710, 4.4250



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.



127.9090, -50.0710, 20.8810



127.8270, -69.9710, 29.1090



115.4370, -24.3540, 44.9100



102.0150, -4.3560, 1.8520



47.8980, -68.7330, 28.6990



12.8750, -18.3410, 7.5070

Inverse Universe

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



134.6640, 63.8610, 37.5970



137.2100, 89.1670, 52.5510



196.5630, 24.3540, -44.9100



102.6310, 5.5930, 3.2650



57.1990, 87.7000, 51.6040



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 127.9090, -50.0710, 20.8810 looks on a white background.

Color Contrast Check

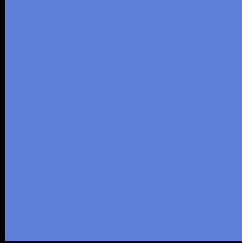
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9090, -50.0710, 20.8810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

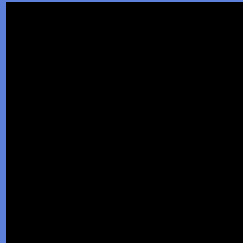
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.9090, -50.0710, 20.8810

Background



This preview shows how black text looks on a background with the YIQ color 127.9090, -50.0710, 20.8810.



This preview shows how white text looks on a background with the YIQ color 127.9090, -50.0710,

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

127.9090, -50.0710, 20.8810

Protanopia

127.9090, -50.0710, 20.8810

Deuteranopia

124.1630, -62.7700, 14.2380



Tritanopia

120.9430, -48.5520, -12.1680

Trichromacy



Original Color

127.9090, -50.0710, 20.8810

Protanomaly

127.9090, -50.0710, 20.8810

Deuteranomaly

125.6690, -58.3230, 16.2450

Tritanomaly

123.4350, -49.5170, -0.1810

Monochromacy



Original Color

127.9090, -50.0710, 20.8810

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.8750, -18.3410, 7.5070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9090, -50.0710, 20.8810 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(93, 128, 219)` looks like.

```
.text, #text, p{  
    color:rgb(93, 128, 219)  
}
```

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(93, 128, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 128, 219) }
```

Border

The CSS property to change the border of an element to YIQ 127.9090, -50.0710, 20.8810 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(93, 128, 219) }
```


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

```
.border{ border-color:rgb(93, 128, 219) }
```

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

Here you see how a box with a 4 pixel rgb(93, 128, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 128, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 128, 219);  
box-shadow:4px 4px 4px 4px rgb(93, 128,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9090, -50.0710, 20.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 128, 219) }
```

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

```
.background{ background-color: rgb(93, 128,  
219) }
```

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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