

Converting Colors

YIQ(108.2230, -19.4410, 5.4150)

Have a look what the booklet for
YIQ(108.2230, -19.4410, 5.4150)
contains.

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Color

**YIQ(108.2230, -19.4410,
5.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E8B
RGB	93, 110, 139
RGB Percent	36%, 43%, 55%
CMY	0.6353, 0.5686, 0.4550
CMYK	0.33, 0.21, 0.00, 0.45
HSL	218°, 20%, 45%
HSV	218°, 33%, 55%
XYZ	14.7487, 15.3436, 26.6006
YIQ	108.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

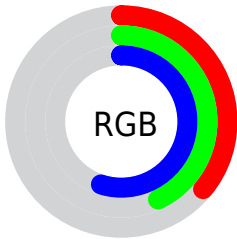
Format	Color
R_{YB}	93, 105, 139
Decimal	6123147
CIE _{Lab}	46.10, 1.01, -17.96
CIE _{LCh}	46, 17.985, 273.206
Yxy	15.3436, 0.2602, 0.2706
Android (android.graphics.Color)	4284313227 (0xFF5D6E8B)
YUV	108.2230, 15.1731, -13.3506
Hunter-Lab	39.1709, -1.3401, -12.8437

Details

The YIQ color **108.2230, -19.4410, 5.4150** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.7770, 19.4410, -5.4150**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5650, -20.4040, 6.3480**, and **60.5820, -19.0740, 4.2700** is the 20% darker color. If you saturate the color by 10%, you get **98.7540, -25.3100, 7.1540**, and if you desaturate by 10%, it is **117.6920, -13.5720, 3.6760**.

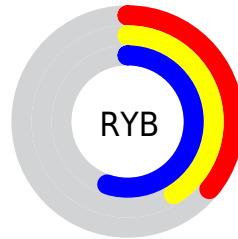
Distribution



Red (36%)

Green (43%)

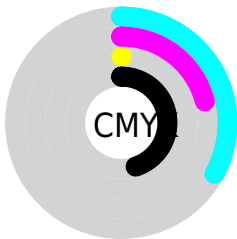
Blue (55%)



Red (36%)

Yellow (41%)

Blue (55%)

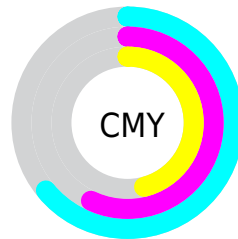


Cyan (33%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.2230, -19.4410, 5.4150 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 108.2230, -19.4410, 5.4150 by changing the saturation by 10% instead.

■ 108.2230,
-19.4410, 5.4150

■ 108.2230,
-19.4410, 5.4150

■ 255.0000, -0.0000,
-0.0000

■ 83.6960, -19.3950,
4.5810

■ 159.5650,
-20.4040, 6.3480

■ 60.5820, -19.0740,
4.2700

■ 186.5650,
-20.4040, 6.3480

■ 37.7560, -19.6240,
3.2240

■ 214.6790,
-20.7250, 6.6590

■ 16.6420, -19.3030,
2.9130

■ 240.7580,
-13.9380, -0.7060

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 108.2230,
-19.4410, 5.4150

■ 108.2230,
-19.4410, 5.4150

■ 98.7540, -25.3100,
7.1540

■ 117.6920,
-13.5720, 3.6760

■ 89.2850, -31.1790,
8.8930

■ 127.1610, -7.7030,
1.9370

■ 80.4030, -37.3230,
10.1090

■ 136.0430, -1.5590,
0.7210

■ 70.9340, -43.1920,
11.8480

■ 145.5120, 4.3100,
-1.0180

■ 61.7640, -48.4650,
13.7990

■ 154.6820, 9.5830,
-2.9690

■ 52.2950, -54.3340,
15.5380

■ 164.1510, 15.4520,
-4.7080

■ 45.7830, -58.6440,
16.5560

■ 173.0330, 21.5960,
-5.9240

■ 182.5020, 27.4650,

-7.6630

■ 191.9710, 33.3340,
-9.4020

Harmonies

Analogous

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



104.5480, -30.9020, -1.6380



108.2230, -19.4410, 5.4150



110.9970, -3.9450, 10.9270

Triad

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



108.2230, -19.4410, 5.4150



110.8630, 25.4910, 6.0910



104.3370, -11.7350, -13.1030

Complementary

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



108.2230, -19.4410, 5.4150



123.7770, 19.4410, -5.4150

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.



106.4050, 2.7530, -11.3510



108.2230, -19.4410, 5.4150



109.9780, 23.4290, -0.5950

Square

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



108.2230, -19.4410, 5.4150



111.3990, 21.2260, 11.8020



108.5700, 15.5900, -7.2100



103.0350, -25.4440, -12.4520

Rectangle

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



108.2230, -19.4410, 5.4150



111.7270, 5.6830, 12.6510



108.5700, 15.5900, -7.2100



105.6750, -6.8750, -13.0750

Sweetspot

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



108.2230, -19.4410, 5.4150



169.1610, -7.7030, 1.9370



123.1940, -21.6380, -15.3500



84.6020, -4.6310, 1.3290



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



108.2230, -19.4410, 5.4150



132.4700, -30.2620, 8.7940



99.7390, -11.7860, 15.3660



64.5590, -3.0720, 0.6080



43.9250, -56.1680, 15.7360



1.7440, -2.1550, 0.5090

Inverse Universe

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



108.6920, 21.9590, 15.0390



133.4920, 34.5660, 23.3500



132.2610, 11.7860, -15.3660



64.4350, 3.2090, 2.4170



45.3530, 63.5390, 43.4350



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 108.2230, -19.4410, 5.4150 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 108.2230, -19.4410, 5.4150 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

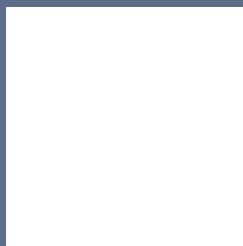
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 108.2230, -19.4410, 5.4150

Background



This preview shows how black text looks on a background with the YIQ color 108.2230, -19.4410, 5.4150.

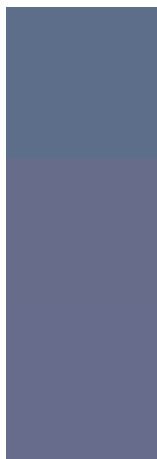


This preview shows how white text looks on a background with the YIQ color 108.2230, -19.4410,

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

108.2230, -19.4410, 5.4150

Protanopia

109.5120, -12.8850, 7.7470

Deuteranopia

109.5660, -12.9770, 9.4150



Tritanopia

106.8500, -17.1930, -2.2890

Trichromacy



Original Color

108.2230, -19.4410, 5.4150

Protanomaly

109.3160, -15.2690, 6.8990

Deuteranomaly

108.9570, -15.6360, 8.0440

Tritanomaly

107.2460, -18.2480, 0.3120

Monochromacy



Original Color

108.2230, -19.4410, 5.4150

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.3460, -6.7860, 1.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.2230, -19.4410, 5.4150 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, 110, 139)` looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 139)  
}
```

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, 110, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 139) }
```

Border

The CSS property to change the border of an element to YIQ 108.2230, -19.4410, 5.4150 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, 110, 139) }
```


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

```
.border{ border-color:rgb(93, 110, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 139);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 108.2230, -19.4410, 5.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 139) }
```

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

```
.background{ background-color: rgb(93, 110,  
139) }
```

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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