

Converting Colors

YIQ(192.3920, -12.4270,
10.4610)

Have a look what the booklet for
YIQ(192.3920, -12.4270, 10.4610)
contains.

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Color

**YIQ(192.3920, -12.4270,
10.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBDE0
RGB	187, 189, 224
RGB Percent	73%, 74%, 88%
CMY	0.2666, 0.2588, 0.1216
CMYK	0.17, 0.16, 0.00, 0.12
HSL	237°, 37%, 81%
HSV	237°, 17%, 88%
XYZ	52.1443, 52.3417, 77.8618
YIQ	192.3920, -12.4270, 10.4610

Conversions

Conversions Part 2

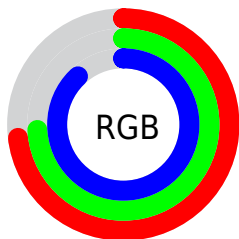
Format	Color
R _Y B	187, 189, 224
Decimal	12303840
CIE Lab	77.48, 6.37, -17.67
CIE LCh	77, 18.779, 289.813
Yxy	52.3417, 0.2860, 0.2870
Android (android.graphics.Color)	4290493920 (0xFFBBBDE0)
YUV	192.3920, 15.5827, -4.7288
Hunter-Lab	72.3476, 2.0451, -13.1657

Details

The YIQ color $192.3920, -12.4270, 10.4610$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $218.6080, 12.4270, -10.4610$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5420, -4.4020, 2.6860$, and $138.8650, -12.3810, 9.6270$ is the 20% darker color. If you saturate the color by 10%, you get $173.4870, -19.7640, 16.7800$, and if you desaturate by 10%, it is $211.2970, -5.0900, 4.1420$.

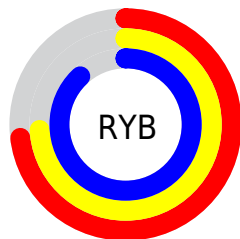
Distribution



Red (73%)

Green (74%)

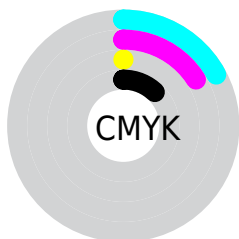
Blue (88%)



Red (73%)

Yellow (74%)

Blue (88%)

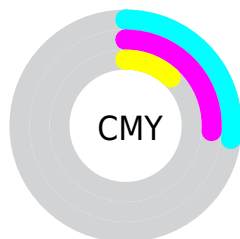


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (26%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.3920, -12.4270, 10.4610 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 192.3920, -12.4270, 10.4610 by changing the saturation by 10% instead.

■ 192.3920,
-12.4270, 10.4610

■ 192.3920,
-12.4270, 10.4610

■ 255.0000, -0.0000,
-0.0000

■ 165.2780,
-12.1060, 10.1500

■ 245.5420, -4.4020,
2.6860

■ 138.8650,
-12.3810, 9.6270

■ 113.0500,
-11.4640, 9.5280

■ 88.6370, -11.7390,
9.0050

■ 65.1100, -11.6930,
8.1710

■ 42.8820, -11.0510,
7.5490

■ 22.0560, -11.6010,

6.5030

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 192.3920,
-12.4270, 10.4610

■ 192.3920,
-12.4270, 10.4610

■ 173.4870,
-19.7640, 16.7800

■ 211.2970, -5.0900,
4.1420

■ 154.2830,
-27.6970, 22.8870

■ 230.5010, 2.8430,
-1.9650

■ 134.7910,
-34.7590, 29.7290

■ 249.9930, 9.9050,
-8.8070

■ 115.5870,
-42.6920, 35.8360

■ 251.4660, 9.9510,
-9.6410

■ 96.6820, -50.0290,
42.1550

■ 77.7770, -57.3660,
48.4740

■ 58.5730, -65.2990,
54.5810

■ 39.6680, -72.6360,
60.9000

■ 32.5800, -75.2040,
63.3880

Harmonies

Analogous

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



189.4500, -27.5100, 2.9700



192.3920, -12.4270, 10.4610



194.0090, 4.9490, 14.9410

Triad

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



192.3920, -12.4270, 10.4610



193.3210, 29.8930, 3.4050



185.4220, -22.2800, -14.7280

Complementary

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



192.3920, -12.4270, 10.4610



218.6080, 12.4270, -10.4610

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.



187.8060, -5.8660, -14.8420



192.3920, -12.4270, 10.4610



191.4570, 23.3380, -4.4540

Square

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



192.3920, -12.4270, 10.4610



194.3520, 28.6080, 10.1760



189.7110, 10.6390, -11.0970



184.7830, -33.4220, -11.0380

Rectangle

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



192.3920, -12.4270, 10.4610



194.9840, 15.2650, 15.2090



189.7110, 10.6390, -11.0970



186.2330, -17.3740, -15.5340

Sweetspot

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



192.3920, -12.4270, 10.4610



244.0690, -4.4480, 3.5200



212.7090, -21.4100, -8.4660



120.9120, -2.5680, 2.4880



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.



192.3920, -12.4270, 10.4610



211.5750, -17.1960, 14.2920



196.0020, -2.3410, 14.8990



102.8410, -3.8060, 2.8980



25.9340, -59.2460, 49.5060



7.2330, -16.2330, 13.3590

Inverse Universe

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



198.2910, 21.4100, 8.4660



219.5910, 29.4330, 11.7450



214.9980, 2.3410, -14.8990



104.4030, 6.2350, 2.6430



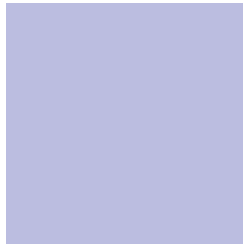
53.7640, 101.6860, 40.4220



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 192.3920, -12.4270, 10.4610 looks on a white background.

Color Contrast Check

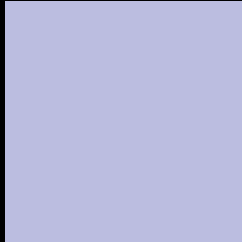
Large Text (above 18pt) WCAG AA × Fail

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 192.3920, -12.4270, 10.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

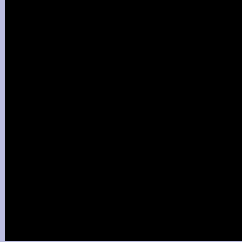
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.3920, -12.4270, 10.4610

Background



This preview shows how black text looks on a background with the YIQ color 192.3920, -12.4270, 10.4610.



This preview shows how white text looks on a background with the YIQ color 192.3920, -12.4270,

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

192.3920, -12.4270, 10.4610

Protanopia

192.3810, -13.8940, 9.5140

Deuteranopia

193.3110, -7.7050, 12.9910



Tritanopia

191.3180, -9.5830, 2.9690

Trichromacy



Original Color

192.3920, -12.4270, 10.4610

Protanomaly

192.6800, -13.2980, 9.7260

Deuteranomaly

193.0010, -9.7680, 11.8320

Tritanomaly

191.7140, -10.6380, 5.5700

Monochromacy



Original Color

192.3920, -12.4270, 10.4610

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

192.1830, -4.7690, 3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.3920, -12.4270, 10.4610 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(187, 189, 224)` looks like.

```
.text, #text, p{  
    color:rgb(187, 189, 224)  
}
```

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(187, 189, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 189, 224) }
```

Border

The CSS property to change the border of an element to YIQ 192.3920, -12.4270, 10.4610 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(187, 189, 224) }
```


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

```
.border{ border-color:rgb(187, 189, 224) }
```

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

Here you see how a box with a 4 pixel rgb(187, 189, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 189, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 189, 224);  
box-shadow:4px 4px 4px 4px rgb(187, 189,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 192.3920, -12.4270, 10.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 189, 224) }
```

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

```
.background{ background-color: rgb(187,  
189, 224) }
```

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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