

Converting Colors

YIQ(192.5420, -21.5970,
11.4510)

Have a look what the booklet for
YIQ(192.5420, -21.5970, 11.4510)
contains.

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Color

**YIQ(192.5420, -21.5970,
11.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BFEC
RGB	179, 191, 236
RGB Percent	70%, 75%, 93%
CMY	0.2980, 0.2509, 0.0746
CMYK	0.24, 0.19, 0.00, 0.07
HSL	227°, 60%, 81%
HSV	227°, 24%, 93%
XYZ	52.3582, 52.9019, 86.7850
YIQ	192.5420, -21.5970, 11.4510

Conversions

Conversions Part 2

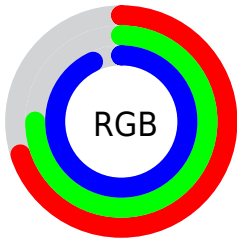
Format	Color
R_{YB}	179, 189, 236
Decimal	11780076
CIE _{Lab}	77.82, 5.49, -23.68
CIE _{LCh}	78, 24.310, 283.056
Yxy	52.9019, 0.2726, 0.2755
Android (android.graphics.Color)	4289970156 (0xFFB3BFEC)
YUV	192.5420, 21.4248, -11.8763
Hunter-Lab	72.7337, 1.2113, -19.8306

Details

The YIQ color $192.5420, -21.5970, 11.4510$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.4580, 21.5970, -11.4510$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $244.3240, -9.7200, -0.0560$, and $138.9010, -21.2300, 10.3060$ is the 20% darker color. If you saturate the color by 10%, you get $174.2130, -30.6760, 16.3000$, and if you desaturate by 10%, it is $210.8710, -12.5180, 6.6020$.

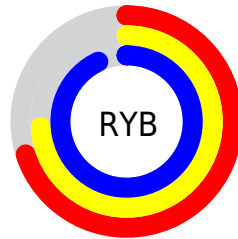
Distribution



Red (70%)

Green (75%)

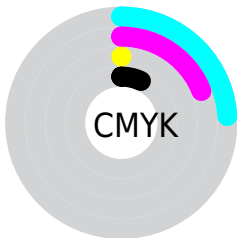
Blue (93%)



Red (70%)

Yellow (74%)

Blue (93%)

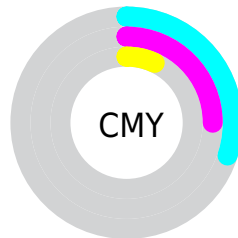


Cyan (24%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (25%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5420, -21.5970, 11.4510 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 192.5420, -21.5970, 11.4510 by changing the saturation by 10% instead.

■ 192.5420,
-21.5970, 11.4510

■ 192.5420,
-21.5970, 11.4510

■ 255.0000, -0.0000,
-0.0000

■ 165.4280,
-21.2760, 11.1400

■ 244.3240, -9.7200,
-0.0560

■ 138.9010,
-21.2300, 10.3060

■ 112.7870,
-20.9090, 9.9950

■ 88.2600, -20.8630,
9.1610

■ 64.7330, -20.8170,
8.3270

■ 41.6080, -21.9630,
7.0690

■ 19.7710, -23.9800,

5.0760

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,
2.1770

■ 192.5420,
-21.5970, 11.4510

■ 192.5420,
-21.5970, 11.4510

■ 174.2130,
-30.6760, 16.3000

■ 210.8710,
-12.5180, 6.6020

■ 156.7700,
-39.4340, 20.8380

■ 228.3140, -3.7600,
2.0640

■ 138.4410,
-48.5130, 25.6870

■ 246.6430, 5.3190,
-2.7850

■ 120.9980,
-57.2710, 30.2250

■ 252.8340, 6.0990,
-5.9090

■ 102.6690,
-66.3500, 35.0740

■ 84.3400, -75.4290,
39.9230

■ 66.8970, -84.1870,
44.4610

■ 56.2540, -89.5060,
47.2460

Harmonies

Analogous

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



187.5670, -41.0810, 1.1190



192.5420, -21.5970, 11.4510



195.2630, 1.4180, 18.3620

Triad

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



192.5420, -21.5970, 11.4510



194.5070, 38.2370, 6.3730



184.5910, -24.4340, -19.7460

Complementary

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



192.5420, -21.5970, 11.4510



222.4580, 21.5970, -11.4510

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.



187.5520, -2.3350, -18.2630



192.5420, -21.5970, 11.4510



192.9480, 32.1410, -4.2990

Square

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



192.5420, -21.5970, 11.4510



195.6350, 35.3010, 15.5330



190.2510, 17.7460, -13.2460



182.8310, -42.5450, -16.4090

Rectangle

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



192.5420, -21.5970, 11.4510



196.3310, 15.9060, 20.1140



190.2510, 17.7460, -13.2460



185.5980, -17.1440, -19.7040

Sweetspot

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



192.5420, -21.5970, 11.4510



241.4000, -6.8780, 3.5060



217.5890, -30.1200, -15.8160



119.4280, -4.0810, 2.3750



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.



192.5420, -21.5970, 11.4510



198.8280, -28.1540, 14.6460



190.2820, -8.7610, 21.1190



108.4280, -4.0810, 2.3750



42.9400, -68.5510, 36.4170



12.6130, -20.3590, 11.0410

Inverse Universe

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



197.4110, 30.1200, 15.8160



204.9500, 38.9680, 20.6640



224.7180, 8.7610, -21.1190



109.5170, 5.9140, 2.9540



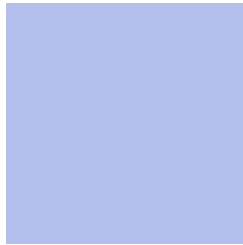
58.4510, 95.6780, 50.1900



17.4000, 28.6530, 14.8690

Previews

White Background



This preview shows how the YIQ color 192.5420, -21.5970, 11.4510 looks on a white background.

Color Contrast Check

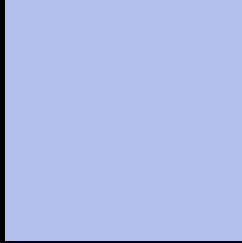
Large Text (above 18pt) WCAG AA × Fail

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 192.5420, -21.5970, 11.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

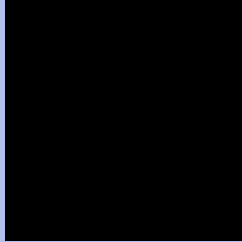
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.5420, -21.5970, 11.4510

Background



This preview shows how black text looks on a background with the YIQ color 192.5420, -21.5970, 11.4510.



This preview shows how white text looks on a background with the YIQ color 192.5420, -21.5970,

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

192.5420, -21.5970, 11.4510

Protanopia

192.7380, -19.2130, 12.2990

Deuteranopia

193.5860, -15.7290, 15.2390



Tritanopia

190.5450, -17.6520, 0.5240

Trichromacy



Original Color

192.5420, -21.5970, 11.4510

Protanomaly

192.4390, -19.8090, 12.0870

Deuteranomaly

193.2760, -17.7920, 14.0800

Tritanomaly

191.5820, -19.0740, 4.2700

Monochromacy



Original Color

192.5420, -21.5970, 11.4510

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.7420, -7.8410, 4.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5420, -21.5970, 11.4510 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(179, 191, 236)` looks like.

```
.text, #text, p{  
    color:rgb(179, 191, 236)  
}
```

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(179, 191, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 191, 236) }
```

Border

The CSS property to change the border of an element to YIQ 192.5420, -21.5970, 11.4510 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(179, 191, 236) }
```


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

```
.border{ border-color:rgb(179, 191, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 191, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 191, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 191, 236);  
box-shadow:4px 4px 4px 4px rgb(179, 191,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5420, -21.5970, 11.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 191, 236) }
```

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

```
.background{ background-color: rgb(179,  
191, 236) }
```

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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