

Converting Colors

YIQ(192.1520, -20.6790, 5.8250)

Have a look what the booklet for
YIQ(192.1520, -20.6790, 5.8250)
contains.

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Color

**YIQ(192.1520, -20.6790,
5.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C2E1
RGB	176, 194, 225
RGB Percent	69%, 76%, 88%
CMY	0.3098, 0.2392, 0.1177
CMYK	0.22, 0.14, 0.00, 0.12
HSL	218°, 45%, 79%
HSV	218°, 22%, 88%
XYZ	50.7835, 53.2512, 78.8167
YIQ	192.1520, -20.6790, 5.8250

Conversions

Conversions Part 2

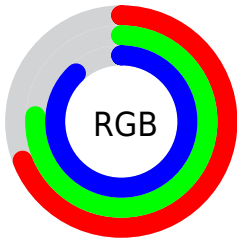
Format	Color
R_{YB}	176, 189, 225
Decimal	11584225
CIE _{Lab}	78.02, 0.45, -17.47
CIE _{LCh}	78, 17.474, 271.486
Yxy	53.2512, 0.2777, 0.2912
Android (android.graphics.Color)	4289774305 (0xFFB0C2E1)
YUV	192.1520, 16.1941, -14.1653
Hunter-Lab	72.9734, -3.4819, -12.9563

Details

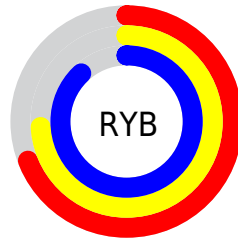
The YIQ color $192.1520, -20.6790, 5.8250$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $208.8480, 20.6790, -5.8250$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1880, -12.3330, -2.2610$, and $138.9240, -20.0370, 5.2030$ is the 20% darker color. If you saturate the color by 10%, you get $177.0570, -30.5370, 8.2710$, and if you desaturate by 10%, it is $206.9480, -11.4170, 3.1670$.

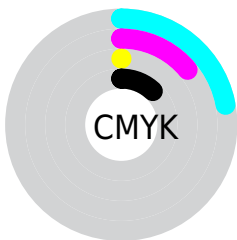
Distribution



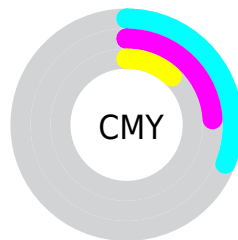
- Red (69%)
- Green (76%)
- Blue (88%)



- Red (69%)
- Yellow (74%)
- Blue (88%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.1520, -20.6790, 5.8250 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 192.1520, -20.6790, 5.8250 by changing the saturation by 10% instead.

■ 192.1520,
-20.6790, 5.8250

■ 192.1520,
-20.6790, 5.8250

■ 255.0000, -0.0000,
-0.0000

■ 165.0380,
-20.3580, 5.5140

■ 245.1880,
-12.3330, -2.2610

■ 138.9240,
-20.0370, 5.2030

■ 112.8100,
-19.7160, 4.8920

■ 88.5820, -19.0740,
4.2700

■ 64.5820, -19.0740,
4.2700

■ 41.7560, -19.6240,
3.2240

■ 20.3320, -21.3660,

1.7540

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 192.1520,
-20.6790, 5.8250

■ 192.1520,
-20.6790, 5.8250

■ 177.0570,
-30.5370, 8.2710

■ 206.9480,
-11.4170, 3.1670

■ 162.2610,
-39.7990, 10.9290

■ 222.0430, -1.5590,
0.7210

■ 146.8780,
-48.7860, 14.1100

■ 237.4260, 7.4280,
-2.4600

■ 131.7830,
-58.6440, 16.5560

■ 249.2320, 10.7300,
-7.2380

■ 116.9870,
-67.9060, 19.2140

■ 251.5800, 9.6300,
-9.3300

■ 101.8920,
-77.7640, 21.6600

■ 86.5090, -86.7510,
24.8410

■ 74.3710, -95.0500,
26.5660

Harmonies

Analogous

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



189.2490, -31.4980, -1.8500



192.1520, -20.6790, 5.8250



195.0400, -5.5040, 11.6480

Triad

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



192.1520, -20.6790, 5.8250



195.4720, 28.1500, 7.4620



188.6960, -11.3680, -14.2480

Complementary

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



192.1520, -20.6790, 5.8250



208.8480, 20.6790, -5.8250

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.



190.3620, 4.3120, -12.0720



192.1520, -20.6790, 5.8250



194.0600, 26.1340, -0.0580

Square

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



192.1520, -20.6790, 5.8250



196.1110, 22.0970, 12.5370



192.3530, 17.6990, -6.8850



186.9210, -25.1230, -12.7630

Rectangle

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



192.1520, -20.6790, 5.8250



195.6670, 5.9120, 14.0080



192.3530, 17.6990, -6.8850



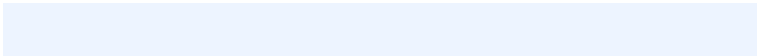
189.3330, -5.9120, -14.0080

Sweetspot

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



192.1520, -20.6790, 5.8250



243.1610, -7.7030, 1.9370



208.1830, -23.1050, -16.2970



120.6020, -4.6310, 1.3290



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.



192.1520, -20.6790, 5.8250



210.6120, -27.7860, 7.9740



183.3800, -12.1530, 16.5110



104.6020, -4.6310, 1.3290



58.2190, -74.3710, 20.7410



16.0380, -20.3580, 5.5140

Inverse Universe

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



192.7030, 23.4260, 15.9860



211.4700, 31.6320, 21.4560



217.6200, 12.1530, -16.5110



104.7450, 5.2720, 3.5760



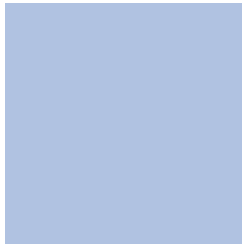
60.0340, 84.0310, 57.5270



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 192.1520, -20.6790, 5.8250 looks on a white background.

Color Contrast Check

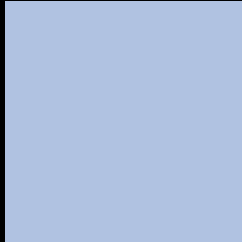
Large Text (above 18pt) WCAG AA × Fail

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 192.1520, -20.6790, 5.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

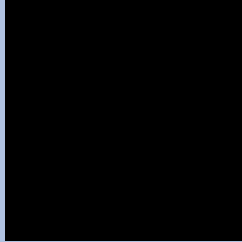
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.1520, -20.6790, 5.8250

Background



This preview shows how black text looks on a background with the YIQ color 192.1520, -20.6790, 5.8250.



This preview shows how white text looks on a background with the YIQ color 192.1520, -20.6790,

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

192.1520, -20.6790, 5.8250

Protanopia

193.4520, -12.6560, 9.1040

Deuteranopia

194.4250, -8.0260, 13.3020



Tritanopia

190.9470, -18.8440, 0.1000

Trichromacy



Original Color

192.1520, -20.6790, 5.8250

Protanomaly

192.9570, -15.6360, 8.0440

Deuteranomaly

193.5060, -12.7480, 10.7720

Tritanomaly

191.2290, -19.5780, 2.3900

Monochromacy



Original Color

192.1520, -20.6790, 5.8250

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

192.1610, -7.7030, 1.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.1520, -20.6790, 5.8250 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(176, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(176, 194, 225)  
}
```

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(176, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 225) }
```

Border

The CSS property to change the border of an element to YIQ 192.1520, -20.6790, 5.8250 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(176, 194, 225) }
```


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

```
.border{ border-color:rgb(176, 194, 225) }
```

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

Here you see how a box with a 4 pixel rgb(176, 194, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 192.1520, -20.6790, 5.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 194, 225) }
```

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

```
.background{ background-color: rgb(176,  
194, 225) }
```

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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