

Converting Colors

YIQ(188.2730, 20.6800,
-11.3520)

Have a look what the booklet for
YIQ(188.2730, 20.6800, -11.3520)
contains.

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Color

**YIQ(188.2730, 20.6800,
-11.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BE92
RGB	201, 190, 146
RGB Percent	79%, 75%, 57%
CMY	0.2118, 0.2549, 0.4273
CMYK	0.00, 0.05, 0.27, 0.21
HSL	48°, 34%, 68%
HSV	48°, 27%, 79%
XYZ	47.6904, 51.3186, 34.5981
YIQ	188.2730, 20.6800, -11.3520

Conversions

Conversions Part 2

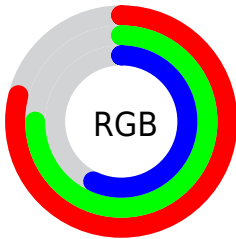
Format	Color
RYB	160, 201, 146
Decimal	13221522
CIELab	76.87, -2.99, 23.65
CIELCh	77, 23.835, 97.217
Yxy	51.3186, 0.3569, 0.3841
Android (android.graphics.Color)	4291411602 (0xFFC9BE92)
YUV	188.2730, -20.8406, 11.1616
Hunter-Lab	71.6370, -6.5332, 21.5109

Details

The YIQ color $188.2730, 20.6800, -11.3520$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $158.7270, -20.6800, 11.3520$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4470, 20.1300, -12.3980$, and $134.9030, 18.8460, -11.1540$ is the 20% darker color. If you saturate the color by 10%, you get $183.6450, 28.2000, -15.4800$, and if you desaturate by 10%, it is $192.9010, 13.1600, -7.2240$.

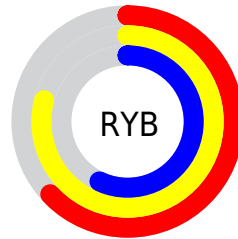
Distribution



Red (79%)

Green (75%)

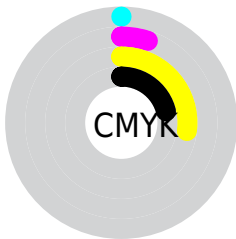
Blue (57%)



Red (63%)

Yellow (79%)

Blue (57%)

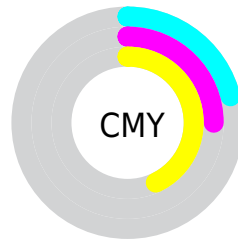


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2730, 20.6800, -11.3520 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 188.2730, 20.6800, -11.3520 by changing the saturation by 10% instead.

■ 188.2730, 20.6800,
-11.3520

■ 188.2730, 20.6800,
-11.3520

■ 255.0000, -0.0000,
-0.0000

■ 161.0880, 19.7630,
-11.2530

■ 243.4470, 20.1300,
-12.3980

■ 134.9030, 18.8460,
-11.1540

■ 251.9220, 8.6670,
-8.3970

■ 109.1310, 18.2040,
-10.5320

■ 84.9460, 17.2870,
-10.4330

■ 61.4620, 15.7740,
-10.5460

■ 38.9350, 15.8200,
-11.3800

■ 20.0900, 8.2540,

-6.4180

■ 0.0000, 0.0000,
0.0000

■ 188.2730, 20.6800,
-11.3520

■ 188.2730, 20.6800,
-11.3520

■ 183.6450, 28.2000,
-15.4800

■ 192.9010, 13.1600,
-7.2240

■ 179.0170, 35.7200,
-19.6080

■ 197.5290, 5.6400,
-3.0960

■ 174.3890, 43.2400,
-23.7360

■ 202.1570, -1.8800,
1.0320

■ 169.7610, 50.7600,
-27.8640

■ 206.7850, -9.4000,
5.1600

■ 165.1330, 58.2800,
-31.9920

■ 211.5270,
-17.2410, 9.5990

■ 160.3910, 66.1210,
-36.4310

■ 214.7870,
-20.9090, 9.9950

■ 155.7630, 73.6410,
-40.5590

■ 217.1350,
-22.0090, 7.9030

■ 154.6060, 75.5210,
-41.5910

■ 219.4830,
-23.1090, 5.8110

■ 221.8310,
-24.2090, 3.7190

Harmonies

Analogous

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



190.6000, 33.2410, -2.2070



188.2730, 20.6800, -11.3520



185.2320, 1.5620, -17.3020

Triad

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



188.2730, 20.6800, -11.3520



180.8830, -48.3230, -10.8110



193.5870, 18.0610, 19.6050

Complementary

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



188.2730, 20.6800, -11.3520



158.7270, -20.6800, 11.3520

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.



192.2840, -3.0750, 17.1890



188.2730, 20.6800, -11.3520



184.6160, -42.7770, -1.1850

Square

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



188.2730, 20.6800, -11.3520



180.4570, -38.5560, -17.1160



189.2210, -25.1270, 9.3450



193.1940, 32.2290, 16.1410

Rectangle

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



188.2730, 20.6800, -11.3520



184.0500, -12.6050, -19.3650



189.2210, -25.1270, 9.3450



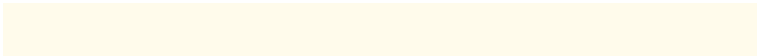
193.4660, 11.0920, 19.2520

Sweetspot

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



188.2730, 20.6800, -11.3520



250.3720, 7.5200, -4.1280



163.8130, 28.9280, 15.3920



124.7570, 4.9980, -2.4740



0.0000, 0.0000, 0.0000



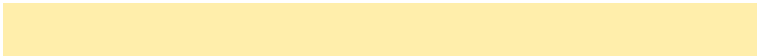
128.0000, -0.0000, -0.0000

Same Dimension

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



188.2730, 20.6800, -11.3520



235.4450, 31.6390, -17.2330



189.9460, 8.1190, -20.4970



96.8000, 3.4390, -1.7530



125.6340, 61.1230, -33.9570



27.7870, 13.4810, -7.5350

Inverse Universe

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



158.7270, -20.6800, 11.3520



190.5550, -31.6390, 17.2330



157.0540, -8.1190, 20.4970



91.6130, -3.1640, 2.2760



37.9530, -61.3980, 33.4340



8.2130, -13.4810, 7.5350

Previews

White Background



This preview shows how the YIQ color 188.2730, 20.6800, -11.3520 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 188.2730, 20.6800, -11.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

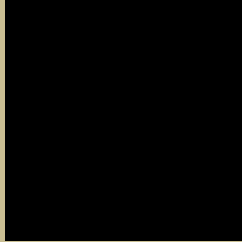
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

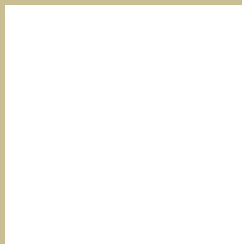
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 188.2730, 20.6800, -11.3520

Background



This preview shows how black text looks on a background with the YIQ color 188.2730, 20.6800, -11.3520.



This preview shows how white text looks on a background with the YIQ color 188.2730, 20.6800, -11.3520.

-11.3520.

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

188.2730, 20.6800, -11.3520

Protanopia

188.2840, 22.1470, -10.4050

Deuteranopia

190.0840, 34.7540, -2.0940



Tritanopia

191.7720, 9.8100, 9.4420

Trichromacy



Original Color

188.2730, 20.6800, -11.3520

Protanomaly

187.9850, 21.5510, -10.6170

Deuteranomaly

189.3390, 29.4820, -5.6700

Tritanomaly

190.7690, 13.8920, 1.5400

Monochromacy



Original Color

188.2730, 20.6800, -11.3520

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.3720, 7.5200, -4.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2730, 20.6800, -11.3520 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(201, 190, 146)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 146)  
}
```

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(201, 190, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 146) }
```

Border

The CSS property to change the border of an element to YIQ 188.2730, 20.6800, -11.3520 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(201, 190, 146) }
```


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

```
.border{ border-color:rgb(201, 190, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 146);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2730, 20.6800, -11.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 146) }
```

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

```
.background{ background-color: rgb(201,  
190, 146) }
```

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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