

Converting Colors

YIQ(241.2190, 20.7720,
-13.0200)

Have a look what the booklet for
YIQ(241.2190, 20.7720, -13.0200)
contains.

YIQ(241.2190, 20.7720, -13.0200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(241.2190, 20.7720,
-13.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF4C4
RGB	253, 244, 196
RGB Percent	99%, 96%, 77%
CMY	0.0078, 0.0431, 0.2312
CMYK	0.00, 0.04, 0.23, 0.01
HSL	51°, 93%, 88%
HSV	51°, 23%, 99%
XYZ	82.8240, 89.5682, 65.1659
YIQ	241.2190, 20.7720, -13.0200

Conversions

Conversions Part 2

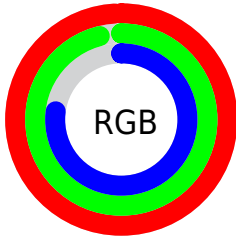
Format	Color
RYB	207, 253, 196
Decimal	16643268
CIELab	95.82, -4.40, 24.24
CIELCh	96, 24.638, 100.276
Yxy	89.5682, 0.3486, 0.3770
Android (android.graphics.Color)	4294833348 (0xFFFD4C4)
YUV	241.2190, -22.2930, 10.3319
Hunter-Lab	94.6405, -9.4076, 25.4235

Details

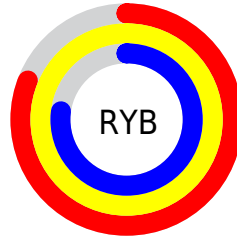
The YIQ color $241.2190, 20.7720, -13.0200$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $207.7810, -20.7720, 13.0200$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7720, 0.6420, -0.6220$, and $185.1480, 19.5340, -12.6100$ is the 20% darker color. If you saturate the color by 10%, you get $236.0210, 29.8970, -18.7030$, and if you desaturate by 10%, it is $246.4170, 11.6470, -7.3370$.

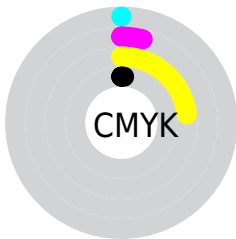
Distribution



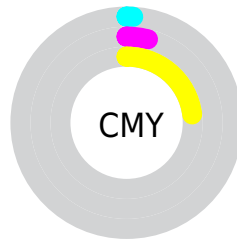
- Red (99%)
- Green (96%)
- Blue (77%)



- Red (81%)
- Yellow (99%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.2190, 20.7720, -13.0200 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 241.2190, 20.7720, -13.0200 by changing the saturation by 10% instead.

241.2190, 20.7720,
-13.0200

241.2190, 20.7720,
-13.0200

255.0000, -0.0000,
-0.0000

213.0340, 19.8550,
-12.9210

254.7720, 0.6420,
-0.6220

185.1480, 19.5340,
-12.6100

157.9630, 18.6170,
-12.5110

132.0770, 18.2960,
-12.2000

106.7070, 16.4620,
-12.0020

81.9350, 15.8200,
-11.3800

58.7500, 14.9030,

-11.2810

■ 36.6360, 15.2240,
-11.5920

■ 17.4210, 5.8240,
-6.4320

■ 241.2190, 20.7720,
-13.0200

■ 241.2190, 20.7720,
-13.0200

■ 236.0210, 29.8970,
-18.7030

■ 246.4170, 11.6470,
-7.3370

■ 230.7090, 39.3430,
-24.6970

■ 251.7290, 2.2010,
-1.3430

■ 225.5110, 48.4680,
-30.3800

■ 254.4020, -1.1920,
-0.4240

■ 220.3130, 57.5930,
-36.0630

■ 215.1150, 66.7180,
-41.7460

■ 209.8030, 76.1640,
-47.7400

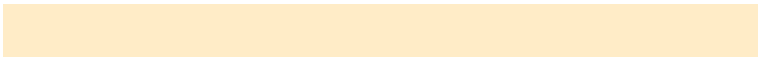
■ 204.6050, 85.2890,
-53.4230

■ 200.6780, 92.2130,
-57.7630

Harmonies

Analogous

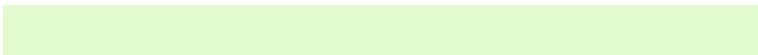
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.4630, 23.2010, -7.4790



241.2190, 20.7720, -13.0200



238.3950, -0.4550, -19.2950

Triad

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



241.2190, 20.7720, -13.0200



232.5750, -44.7000, -15.9000



239.1510, 7.4250, 14.1210

Complementary

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



241.2190, 20.7720, -13.0200



207.7810, -20.7720, 13.0200

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.



242.6730, 5.7750, 10.9830



241.2190, 20.7720, -13.0200



234.7230, -33.1930, -9.6810

Square

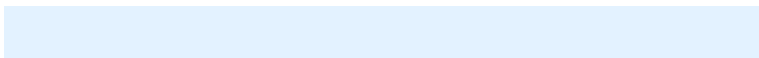
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.2190, 20.7720, -13.0200



232.7170, -42.2240, -16.7200



238.9970, -13.1130, 0.8630



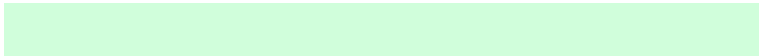
235.6970, 14.3950, 8.9470

Rectangle

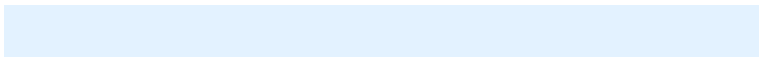
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.2190, 20.7720, -13.0200



236.2560, -16.1810, -20.6370



238.9970, -13.1130, 0.8630



240.3250, 6.8750, 13.0750

Sweetspot

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



241.2190, 20.7720, -13.0200



251.1870, 6.6030, -4.0290



214.1830, 30.7620, 15.1940



125.5720, 4.0810, -2.3750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

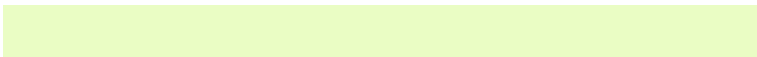
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.2190, 20.7720, -13.0200



240.6770, 25.1740, -15.7060



240.8210, 6.9730, -21.7550



124.7570, 4.9980, -2.4740



151.6160, 69.5610, -43.7110



50.8340, 23.2940, -14.6740

Inverse Universe

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



207.7810, -20.7720, 13.0200



200.3230, -25.1740, 15.7060



208.1790, -6.9730, 21.7550



117.6560, -4.7230, 2.9970



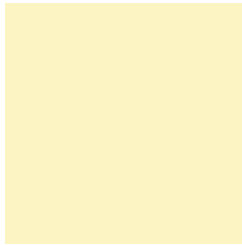
39.3840, -69.5610, 43.7110



13.1660, -23.2940, 14.6740

Previews

White Background



This preview shows how the YIQ color 241.2190, 20.7720, -13.0200 looks on a white background.

Color Contrast Check

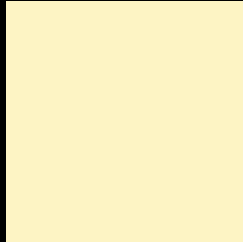
Large Text (above 18pt) WCAG AA × Fail

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 241.2190, 20.7720, -13.0200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

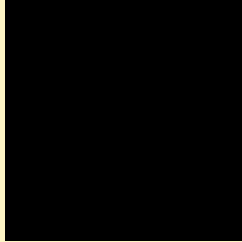
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 241.2190, 20.7720, -13.0200

Background



This preview shows how black text looks on a background with the YIQ color 241.2190, 20.7720, -13.0200.



This preview shows how white text looks on a background with the YIQ color 241.2190, 20.7720,

-13.0200.

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

241.2190, 20.7720, -13.0200

Protanopia

242.3700, 19.0290, -8.9630

Deuteranopia

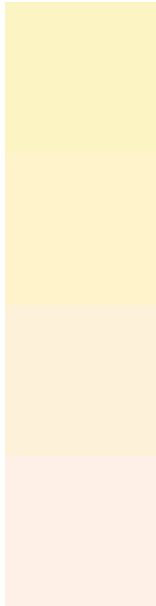
243.4590, 11.8290, 0.3810



Tritanopia

244.5650, 5.9590, 7.6470

Trichromacy



Original Color

241.2190, 20.7720, -13.0200

Protanomaly

241.6150, 19.7170, -10.4190

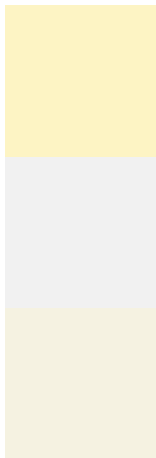
Deuteranomaly

242.2650, 15.1310, -4.3970

Tritanomaly

243.1600, 11.2330, 0.1690

Monochromacy



Original Color

241.2190, 20.7720, -13.0200

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.9590, 7.2450, -4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.2190, 20.7720, -13.0200 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(253, 244, 196)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 196)  
}
```

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(253, 244, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 196) }
```

Border

The CSS property to change the border of an element to YIQ 241.2190, 20.7720, -13.0200 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(253, 244, 196) }
```


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

```
.border{ border-color:rgb(253, 244, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 244, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 196);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 241.2190, 20.7720, -13.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 196) }
```

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

```
.background{ background-color: rgb(253,  
244, 196) }
```

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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