

Converting Colors

YIQ(200.1270, 6.8320, -2.6720)

Have a look what the booklet for
YIQ(200.1270, 6.8320, -2.6720)
contains.

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Color

**YIQ(200.1270, 6.8320,
-2.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC8BC
RGB	205, 200, 188
RGB Percent	80%, 78%, 74%
CMY	0.1961, 0.2157, 0.2627
CMYK	0.00, 0.02, 0.08, 0.20
HSL	42°, 15%, 77%
HSV	42°, 8%, 80%
XYZ	54.9090, 57.9181, 55.8675
YIQ	200.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

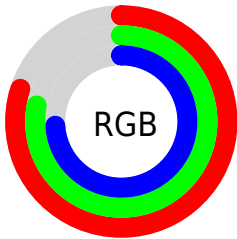
Format	Color
R_{YB}	195, 205, 188
Decimal	13486268
CIE Lab	80.69, -0.35, 6.60
CIE LCh	81, 6.608, 93.076
Yxy	57.9181, 0.3255, 0.3433
Android (android.graphics.Color)	4291676348 (0xFFC8DC8BC)
YUV	200.1270, -5.9786, 4.2736
Hunter-Lab	76.1039, -4.3941, 9.7483

Details

The YIQ color $200.1270, 6.8320, -2.6720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.8730, -6.8320, 2.6720$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $146.2410, 6.5110, -2.3610$ is the 20% darker color. If you saturate the color by 10%, you get $194.3250, 14.9020, -5.7540$, and if you desaturate by 10%, it is $206.0430, -1.5590, 0.7210$.

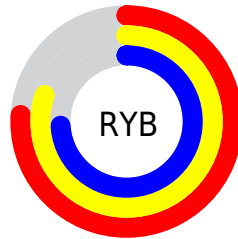
Distribution



Red (80%)

Green (78%)

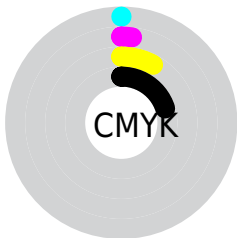
Blue (74%)



Red (76%)

Yellow (80%)

Blue (74%)

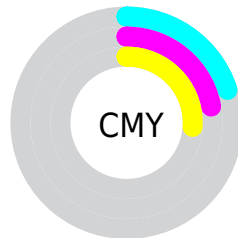


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.1270, 6.8320, -2.6720 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 200.1270, 6.8320, -2.6720 by changing the saturation by 10% instead.

■ 200.1270, 6.8320,
-2.6720

■ 200.1270, 6.8320,
-2.6720

255.0000, -0.0000,
-0.0000

■ 173.1270, 6.8320,
-2.6720

■ 253.7460, 3.5310,
-3.4210

■ 146.2410, 6.5110,
-2.3610

■ 120.3550, 6.1900,
-2.0500

■ 95.9420, 5.9150,
-2.5730

■ 72.0560, 5.5940,
-2.2620

■ 49.7570, 4.9980,
-2.4740

■ 28.8710, 4.6770,

-2.1630

■ 2.6580, 0.9630,
-0.9330

■ 0.0000, 0.0000,
0.0000

■ 200.1270, 6.8320,
-2.6720

■ 200.1270, 6.8320,
-2.6720

■ 194.3250, 14.9020,
-5.7540

■ 206.0430, -1.5590,
0.7210

■ 188.4090, 23.2930,
-9.1470

■ 211.8450, -9.6290,
3.8030

■ 182.6070, 31.3630,
-12.2290

■ 217.7610,
-18.0200, 7.1960

■ 176.6910, 39.7540,
-15.6220

■ 221.8530,
-21.2750, 5.6130

■ 170.8890, 47.8240,
-18.7040

■ 225.3750,
-22.9250, 2.4750

■ 164.9730, 56.2150,
-22.0970

■ 228.8970,
-24.5750, -0.6630

■ 159.1710, 64.2850,
-25.1790

■ 232.4190,
-26.2250, -3.8010

■ 153.2550, 72.6760,
-28.5720

■ 235.9410,
-27.8750, -6.9390

■ 147.4530, 80.7460,
-31.6540

■ 239.4630,
-29.5250, -10.0770

Harmonies

Analogous

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



200.8610, 10.6370, -0.0430



200.1270, 6.8320, -2.6720



199.4360, 1.4680, -4.5800

Triad

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



200.1270, 6.8320, -2.6720



198.9600, -11.6910, -2.8830



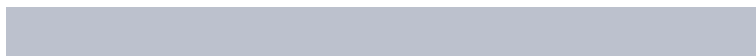
201.6140, 4.2630, 5.3430

Complementary

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



200.1270, 6.8320, -2.6720



192.8730, -6.8320, 2.6720

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.



201.2650, -2.0640, 4.3680



200.1270, 6.8320, -2.6720



199.1390, -10.6370, 0.0430

Square

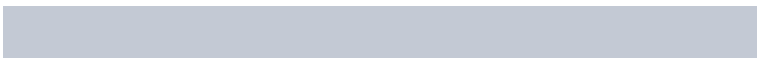
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200.1270, 6.8320, -2.6720



198.2760, -9.7650, -4.7490



200.4600, -7.1070, 2.1490



201.5390, 8.8480, 4.8480

Rectangle

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



200.1270, 6.8320, -2.6720



198.8700, -2.7500, -5.2300



200.4600, -7.1070, 2.1490



201.2440, 2.4290, 5.5410

Sweetspot

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



200.1270, 6.8320, -2.6720



253.2560, 2.1550, -0.5090



193.6530, 8.5270, 5.1590



127.0710, 1.2380, -0.4100



0.0000, 0.0000, 0.0000



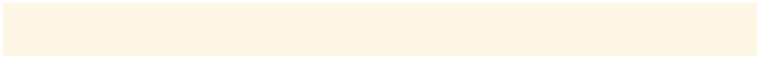
128.0000, -0.0000, -0.0000

Same Dimension

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



200.1270, 6.8320, -2.6720



247.4540, 10.2250, -3.5910



202.1650, 3.6690, -5.9230



99.0990, 4.0350, -1.5410



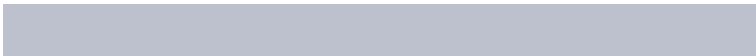
118.3130, 66.7610, -25.9990



27.2110, 15.2230, -6.0650

Inverse Universe

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



192.8730, -6.8320, 2.6720



236.9590, -9.9500, 4.1140



190.8350, -3.6690, 5.9230



94.9010, -4.0350, 1.5410



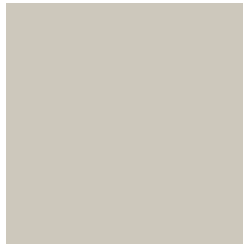
47.6870, -66.7610, 25.9990



10.7890, -15.2230, 6.0650

Previews

White Background



This preview shows how the YIQ color 200.1270, 6.8320, -2.6720 looks on a white background.

Color Contrast Check

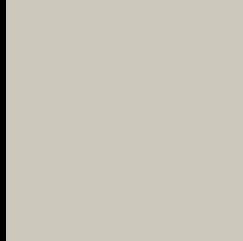
Large Text (above 18pt) WCAG AA × Fail

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 200.1270, 6.8320, -2.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

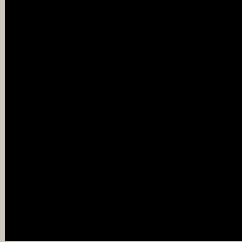
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

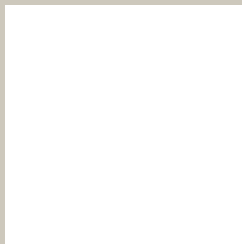
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.1270, 6.8320, -2.6720

Background



This preview shows how black text looks on a background with the YIQ color 200.1270, 6.8320, -2.6720.



This preview shows how white text looks on a background with the YIQ color 200.1270, 6.8320,

-2.6720.

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

200.1270, 6.8320, -2.6720

Protanopia

200.1380, 8.2990, -1.7250

Deuteranopia

201.8130, 19.7600, 5.3280



Tritanopia

201.4120, 2.0160, 7.5200

Trichromacy



Original Color

200.1270, 6.8320, -2.6720

Protanomaly

199.8390, 7.7030, -1.9370

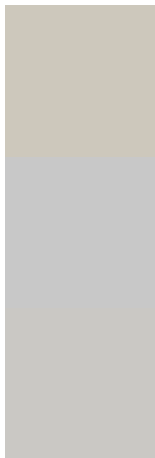
Deuteranomaly

201.4810, 14.7630, 2.2750

Tritanomaly

200.6740, 4.0340, 3.9860

Monochromacy



Original Color

200.1270, 6.8320, -2.6720

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.1420, 2.4760, -0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.1270, 6.8320, -2.6720 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(205, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 188)  
}
```

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(205, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 188) }
```

Border

The CSS property to change the border of an element to YIQ 200.1270, 6.8320, -2.6720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

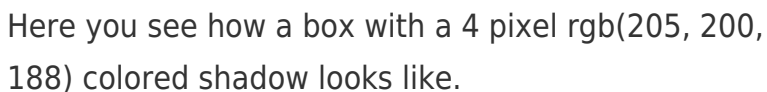
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 200, 188) }
```


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

```
.border{ border-color:rgb(205, 200, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 200, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 200, 188); box-shadow:4px 4px 4px 4px rgb(205, 200, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 200.1270, 6.8320, -2.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 188) }
```

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

```
.background{ background-color: rgb(205,  
200, 188) }
```

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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