

Converting Colors

YIQ(204.2950, -2.7490,
-10.7570)

Have a look what the booklet for
YIQ(204.2950, -2.7490, -10.7570)
contains.

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Color

**YIQ(204.2950, -2.7490,
-10.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D4BD
RGB	195, 212, 189
RGB Percent	76%, 83%, 74%
CMY	0.2353, 0.1686, 0.2588
CMYK	0.08, 0.00, 0.11, 0.17
HSL	104°, 21%, 79%
HSV	104°, 11%, 83%
XYZ	55.2328, 62.3650, 57.2717
YIQ	204.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

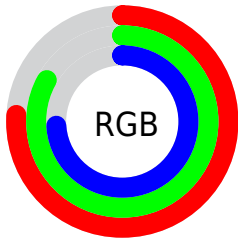
Format	Color
RYB	189, 212, 206
Decimal	12833981
CIELab	83.11, -9.94, 9.43
CIELCh	83, 13.703, 136.515
Yxy	62.3650, 0.3159, 0.3566
Android (android.graphics.Color)	4291024061 (0xFFC3D4BD)
YUV	204.2950, -7.5404, -8.1517
Hunter-Lab	78.9715, -13.3568, 12.2818

Details

The YIQ color $204.2950, -2.7490, -10.7570$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.7050, 2.7490, 10.7570$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.9630, 1.4220, -3.7460$, and $149.8220, -2.7950, -9.9230$ is the 20% darker color. If you saturate the color by 10%, you get $197.1170, -5.5440, -20.6800$, and if you desaturate by 10%, it is $211.4730, 0.0460, -0.8340$.

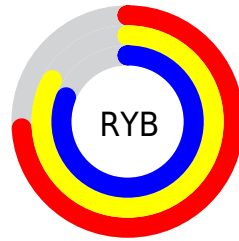
Distribution



Red (76%)

Green (83%)

Blue (74%)



Red (74%)

Yellow (83%)

Blue (81%)

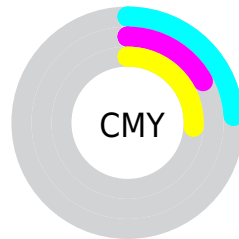


Cyan (8%)

Magenta (0%)

Yellow (11%)

Black (17%)



Cyan (24%)

Magenta (17%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.2950, -2.7490, -10.7570 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 204.2950, -2.7490, -10.7570 by changing the saturation by 10% instead.

■ 204.2950, -2.7490,
-10.7570

■ 204.2950, -2.7490,
-10.7570

255.0000, -0.0000,
-0.0000

■ 176.7080, -2.4740,
-10.2340

■ 252.9630, 1.4220,
-3.7460

■ 149.8220, -2.7950,
-9.9230

■ 124.1210, -2.1990,
-9.7110

■ 99.2350, -2.5200,
-9.4000

■ 75.3490, -2.8410,
-9.0890

■ 52.7620, -2.5660,
-8.5660

■ 31.1750, -2.2910,

-8.0430

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 204.2950, -2.7490,
-10.7570

■ 204.2950, -2.7490,
-10.7570

■ 197.1170, -5.5440,
-20.6800

■ 211.4730, 0.0460,
-0.8340

■ 190.2380, -7.7430,
-30.3910

■ 218.3520, 2.2450,
8.8770

■ 182.9460,
-10.2170, -40.6250

■ 225.6440, 4.7190,
19.1110

■ 175.7680,
-13.0120, -50.5480

■ 229.7590, 11.8250,
22.4890

■ 168.8890,
-15.2110, -60.2590

■ 161.7110,
-18.0060, -70.1820

■ 154.5330,
-20.8010, -80.1050

■ 147.2410,
-23.2750, -90.3390

■ 140.8890,
-25.5200, -99.2160

Harmonies

Analogous

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



205.6340, 9.5380, -7.6620



204.2950, -2.7490, -10.7570



202.9500, -14.8990, -10.8270

Triad

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



204.2950, -2.7490, -10.7570



205.6310, -20.7700, 1.9660



209.2910, 21.4100, 8.4660

Complementary

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



204.2950, -2.7490, -10.7570



196.7050, 2.7490, 10.7570

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.



209.8650, 13.9820, 10.9260



204.2950, -2.7490, -10.7570



207.7680, -10.7300, 7.2380

Square

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



204.2950, -2.7490, -10.7570



203.3050, -25.9040, -4.1120



209.4060, 2.1530, 10.5450



208.3140, 22.6030, 3.3630

Rectangle

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



204.2950, -2.7490, -10.7570



202.6550, -21.3180, -10.1340



209.4060, 2.1530, 10.5450



209.5620, 19.2090, 9.8090

Sweetspot

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



204.2950, -2.7490, -10.7570



252.2940, -1.0080, -3.7600



205.8560, 9.0330, -4.0150



126.1200, -0.4580, -2.7140



0.0000, 0.0000, 0.0000



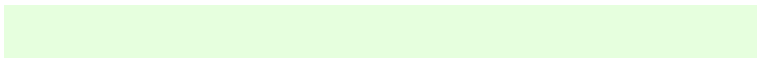
128.0000, -0.0000, -0.0000

Same Dimension

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



204.2950, -2.7490, -10.7570



243.7630, -4.3070, -15.5630



203.0710, -7.9300, -10.4740



103.3540, -1.2370, -5.1170



113.5330, -20.8010, -80.1050



28.5300, -5.2690, -20.1570

Inverse Universe

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



196.7050, 2.7490, 10.7570



232.9380, 3.7110, 15.3510



197.9290, 7.9300, 10.4740



99.6460, 1.2370, 5.1170



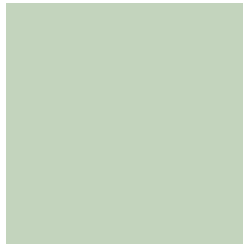
57.1680, 20.2050, 79.8930



14.4700, 5.2690, 20.1570

Previews

White Background



This preview shows how the YIQ color 204.2950, -2.7490, -10.7570 looks on a white background.

Color Contrast Check

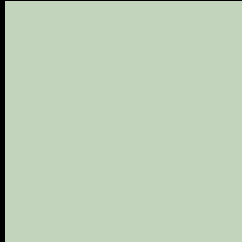
Large Text (above 18pt) WCAG AA × Fail

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 204.2950, -2.7490, -10.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

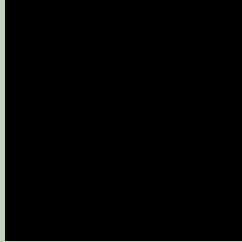
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.2950, -2.7490, -10.7570

Background



This preview shows how black text looks on a background with the YIQ color 204.2950, -2.7490, -10.7570.



This preview shows how white text looks on a background with the YIQ color 204.2950, -2.7490, -10.7570.

-10.7570.

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

204.2950, -2.7490, -10.7570

Protanopia

206.4110, 11.7840, -4.3120

Deuteranopia

208.6560, 21.6400, 4.2960



Tritanopia

206.7310, -9.3080, 3.4920

Trichromacy



Original Color

204.2950, -2.7490, -10.7570

Protanomaly

205.6060, 6.7410, -6.5310

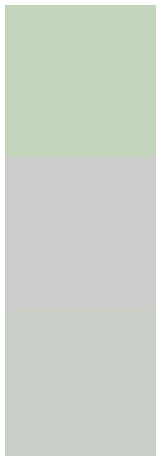
Deuteranomaly

207.0030, 13.1130, -0.8630

Tritanomaly

205.9390, -7.1980, -1.7100

Monochromacy



Original Color

204.2950, -2.7490, -10.7570

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.2940, -1.0080, -3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.2950, -2.7490, -10.7570 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(195, 212, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 212, 189)  
}
```

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(195, 212, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 212, 189) }
```

Border

The CSS property to change the border of an element to YIQ 204.2950, -2.7490, -10.7570 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(195, 212, 189) }
```


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

```
.border{ border-color:rgb(195, 212, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 212, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 212, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 212, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 212,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 204.2950, -2.7490, -10.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 212, 189) }
```

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

```
.background{ background-color: rgb(195,  
212, 189) }
```

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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