

Converting Colors

YIQ(200.0950, 17.8850,
-21.2750)

Have a look what the booklet for
YIQ(200.0950, 17.8850, -21.2750)
contains.

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Color

**YIQ(200.0950, 17.8850,
-21.2750)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD190
RGB	204, 209, 144
RGB Percent	80%, 82%, 56%
CMY	0.2001, 0.1804, 0.4352
CMYK	0.02, 0.00, 0.31, 0.18
HSL	65°, 41%, 69%
HSV	65°, 31%, 82%
XYZ	52.7355, 60.4519, 35.2869
YIQ	200.0950, 17.8850, -21.2750

Conversions

Conversions Part 2

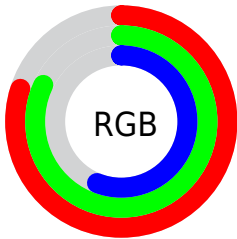
Format	Color
RYB	144, 209, 149
Decimal	13422992
CIELab	82.08, -11.91, 31.73
CIELCh	82, 33.895, 110.580
Yxy	60.4519, 0.3552, 0.4072
Android (android.graphics.Color)	4291613072 (0xFFCCD190)
YUV	200.0950, -27.6548, 3.4247
Hunter-Lab	77.7508, -14.9940, 27.5171

Details

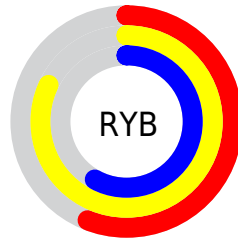
The YIQ color $200.0950, 17.8850, -21.2750$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $152.9050, -17.8850, 21.2750$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5020, 18.2970, -17.7270$, and $146.1380, 16.3260, -20.5540$ is the 20% darker color. If you saturate the color by 10%, you get $197.1030, 23.4340, -28.2300$, and if you desaturate by 10%, it is $203.0870, 12.3360, -14.3200$.

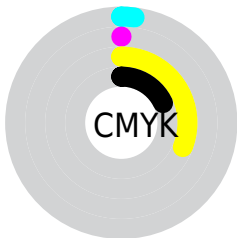
Distribution



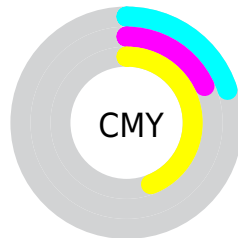
- Red (80%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.0950, 17.8850, -21.2750 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 200.0950, 17.8850, -21.2750 by changing the saturation by 10% instead.

■ 200.0950, 17.8850,
-21.2750

■ 200.0950, 17.8850,
-21.2750

255.0000, -0.0000,
-0.0000

■ 172.3230, 17.2430,
-20.6530

■ 248.5020, 18.2970,
-17.7270

■ 146.1380, 16.3260,
-20.5540

■ 251.8080, 8.9880,
-8.7080

■ 120.2520, 16.0050,
-20.2430

■ 95.1810, 14.7670,
-19.8330

■ 70.9960, 13.8500,
-19.7340

■ 48.1100, 13.5290,
-19.4230

■ 28.3190, 5.8710,

-12.7930

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 200.0950, 17.8850,
-21.2750

■ 200.0950, 17.8850,
-21.2750

■ 197.1030, 23.4340,
-28.2300

■ 203.0870, 12.3360,
-14.3200

■ 194.4100, 29.5790,
-34.9730

■ 205.7800, 6.1910,
-7.5770

■ 191.4180, 35.1280,
-41.9280

■ 208.7720, 0.6420,
-0.6220

■ 188.7250, 41.2730,
-48.6710

■ 211.4650, -5.5030,
6.1210

■ 185.8470, 46.5010,
-55.3150

■ 214.4570,
-11.0520, 13.0760

■ 182.8550, 52.0500,
-62.2700

■ 215.7390,
-11.7860, 15.3660

■ 180.3900, 57.5530,
-68.3910

■ 216.0380,
-11.1900, 15.5780

■ 216.6360, -9.9980,
16.0020

■ 217.2340, -8.8060,
16.4260

Harmonies

Analogous

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



203.5650, 40.3490, -9.8830



200.0950, 17.8850, -21.2750



196.1930, -11.8700, -27.1820

Triad

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



200.0950, 17.8850, -21.2750



189.5840, -75.2820, -12.3220



207.1160, 32.8690, 26.5730

Complementary

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



200.0950, 17.8850, -21.2750



152.9050, -17.8850, 21.2750

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.



209.1380, 9.4400, 27.1680



200.0950, 17.8850, -21.2750



196.5920, -51.3970, 0.8510

Square

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



200.0950, 17.8850, -21.2750



187.3590, -70.6950, -23.8710



204.7750, -20.6350, 16.0450



203.3540, 43.4620, 16.3100

Rectangle

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



200.0950, 17.8850, -21.2750



192.6450, -33.6940, -28.1420



204.7750, -20.6350, 16.0450



209.1310, 28.5130, 28.4250

Sweetspot

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



200.0950, 17.8850, -21.2750



251.7800, 6.1910, -7.5770



165.7830, 37.6400, 11.6880



125.6920, 3.6230, -5.0890



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.



200.0950, 17.8850, -21.2750



242.1910, 26.0020, -30.7180



190.5270, -1.1870, -28.0590



103.4470, 2.9350, -3.6330



144.9610, 46.1800, -55.0040



35.4290, 11.3730, -13.3870

Inverse Universe

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



152.9050, -17.8850, 21.2750



173.8090, -26.0020, 30.7180



162.4730, 1.1870, 28.0590



95.5530, -2.9350, 3.6330



23.0390, -46.1800, 55.0040



5.5710, -11.3730, 13.3870

Previews

White Background



This preview shows how the YIQ color 200.0950, 17.8850, -21.2750 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 200.0950, 17.8850, -21.2750 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 200.0950, 17.8850, -21.2750

Background



This preview shows how black text looks on a background with the YIQ color 200.0950, 17.8850, -21.2750.



This preview shows how white text looks on a background with the YIQ color 200.0950, 17.8850,

-21.2750.

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

200.0950, 17.8850, -21.2750

Protanopia

201.7160, 29.4380, -15.8900

Deuteranopia

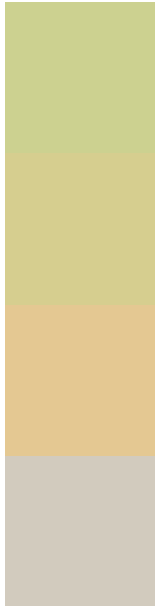
203.5810, 43.4200, -4.9640



Tritanopia

205.7110, 2.6120, 7.7320

Trichromacy



Original Color

200.0950, 17.8850, -21.2750

Protanomaly

201.2100, 24.9910, -17.8970

Deuteranomaly

202.2160, 34.0220, -10.8580

Tritanomaly

203.6110, 8.3450, -2.5590

Monochromacy



Original Color

200.0950, 17.8850, -21.2750

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.7800, 6.1910, -7.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.0950, 17.8850, -21.2750 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(204, 209, 144)` looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 144)  
}
```

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(204, 209, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 144) }
```

Border

The CSS property to change the border of an element to YIQ 200.0950, 17.8850, -21.2750 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(204, 209, 144) }
```


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

```
.border{ border-color:rgb(204, 209, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 144);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 200.0950, 17.8850, -21.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 144) }
```

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

```
.background{ background-color: rgb(204,  
209, 144) }
```

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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