

Converting Colors

YIQ(204.7820, 2.7090, -21.5710)

Have a look what the booklet for
YIQ(204.7820, 2.7090, -21.5710)
contains.

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Color

**YIQ(204.7820, 2.7090,
-21.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DAA5
RGB	194, 218, 165
RGB Percent	76%, 85%, 65%
CMY	0.2393, 0.1450, 0.3529
CMYK	0.11, 0.00, 0.24, 0.15
HSL	87°, 42%, 75%
HSV	87°, 24%, 85%
XYZ	54.1090, 64.3314, 45.1690
YIQ	204.7820, 2.7090, -21.5710

Conversions

Conversions Part 2

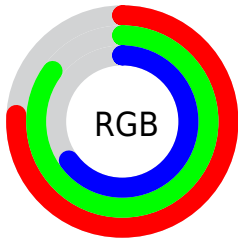
Format	Color
RYB	165, 218, 189
Decimal	12769957
CIELab	84.14, -17.24, 23.49
CIELCh	84, 29.135, 126.268
Yxy	64.3314, 0.3307, 0.3932
Android (android.graphics.Color)	4290960037 (0xFFC2DAA5)
YUV	204.7820, -19.6125, -9.4558
Hunter-Lab	80.2068, -19.9427, 22.7553

Details

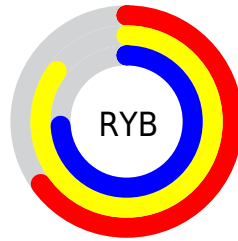
The YIQ color $204.7820, 2.7090, -21.5710$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $178.2180, -2.7090, 21.5710$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8140, 8.8510, -11.7330$, and $150.4230, 2.3420, -20.4260$ is the 20% darker color. If you saturate the color by 10%, you get $199.2840, 3.8110, -30.5330$, and if you desaturate by 10%, it is $210.2800, 1.6070, -12.6090$.

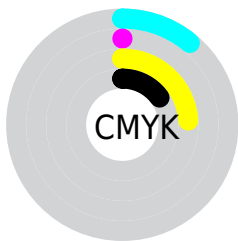
Distribution



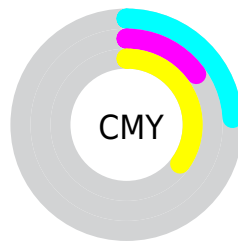
- Red (76%)
- Green (85%)
- Blue (65%)



- Red (65%)
- Yellow (85%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7820, 2.7090, -21.5710 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 204.7820, 2.7090, -21.5710 by changing the saturation by 10% instead.

■ 204.7820, 2.7090,
-21.5710

■ 204.7820, 2.7090,
-21.5710

■ 255.0000, -0.0000,
-0.0000

■ 177.3090, 2.6630,
-20.7370

■ 249.8140, 8.8510,
-11.7330

■ 150.4230, 2.3420,
-20.4260

■ 254.3160, 1.9260,
-1.8660

■ 124.5370, 2.0210,
-20.1150

■ 99.0640, 1.9750,
-19.2810

■ 75.2920, 1.3330,
-18.6590

■ 51.8190, 1.2870,
-17.8250

■ 30.6450, 1.8370,

-16.7790

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 204.7820, 2.7090,
-21.5710

■ 204.7820, 2.7090,
-21.5710

■ 199.2840, 3.8110,
-30.5330

■ 210.2800, 1.6070,
-12.6090

■ 193.7860, 4.9130,
-39.4950

■ 215.7780, 0.5050,
-3.6470

■ 188.4020, 5.6940,
-48.1460

■ 221.1620, -0.2760,
5.0040

■ 182.9040, 6.7960,
-57.1080

■ 226.6600, -1.3780,
13.9660

■ 177.7050, 8.4940,
-65.8580

■ 229.6930, 3.0230,
16.8070

■ 172.2070, 9.5960,
-74.8200

■ 232.6830, 8.9830,
18.9270

■ 166.7090, 10.6980,
-83.7820

■ 233.2810, 10.1750,
19.3510

■ 163.5470, 10.9740,
-88.7860

Harmonies

Analogous

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



207.9160, 25.9990, -14.1370



204.7820, 2.7090, -21.5710



200.9560, -24.2040, -23.9160

Triad

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



204.7820, 2.7090, -21.5710



201.8750, -53.8720, -3.8560



211.1450, 33.9250, 18.4450

Complementary

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



204.7820, 2.7090, -21.5710



178.2180, -2.7090, 21.5710

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.



214.6030, 21.1320, 24.5240



204.7820, 2.7090, -21.5710



207.3560, -29.9410, 8.4830

Square

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



204.7820, 2.7090, -21.5710



197.8320, -61.4810, -14.6410



213.3210, -4.4970, 20.9350



209.9420, 41.4460, 8.7900

Rectangle

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



204.7820, 2.7090, -21.5710



198.5010, -41.8560, -23.3920



213.3210, -4.4970, 20.9350



212.1710, 31.0360, 21.2440

Sweetspot

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



204.7820, 2.7090, -21.5710



250.5560, 1.0100, -7.2940



194.9350, 24.9880, -1.3160



125.2510, 0.5510, -4.4810



0.0000, 0.0000, 0.0000



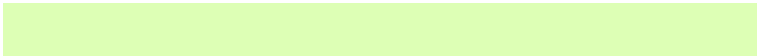
128.0000, -0.0000, -0.0000

Same Dimension

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



204.7820, 2.7090, -21.5710



236.3980, 3.4900, -30.2220



197.0080, -12.7870, -27.0830



107.2510, 0.5510, -4.4810



129.9560, 9.0450, -70.3390



34.4770, 2.2500, -18.7580

Inverse Universe

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



178.2180, -2.7090, 21.5710



199.6020, -3.4900, 30.2220



185.9920, 12.7870, 27.0830



101.7490, -0.5510, 4.4810



43.3430, -8.4490, 70.5510



11.5230, -2.2500, 18.7580

Previews

White Background



This preview shows how the YIQ color 204.7820, 2.7090, -21.5710 looks on a white background.

Color Contrast Check

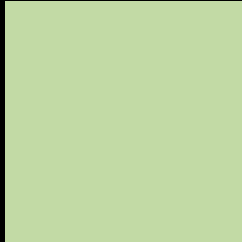
Large Text (above 18pt) WCAG AA × Fail

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 204.7820, 2.7090, -21.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

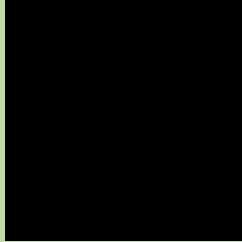
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

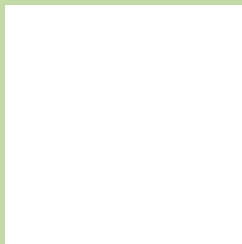
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.7820, 2.7090, -21.5710

Background



This preview shows how black text looks on a background with the YIQ color 204.7820, 2.7090, -21.5710.



This preview shows how white text looks on a background with the YIQ color 204.7820, 2.7090, -21.5710.

-21.5710.

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

204.7820, 2.7090, -21.5710

Protanopia

208.0130, 24.3480, -11.7480

Deuteranopia

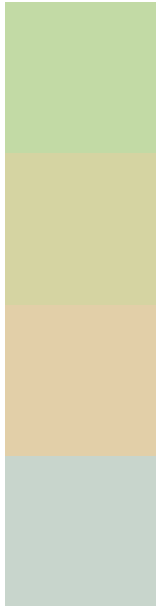
210.2090, 35.9000, -0.8360



Tritanopia

209.7310, -9.3080, 3.4920

Trichromacy



Original Color

204.7820, 2.7090, -21.5710

Protanomaly

206.5990, 16.6460, -15.3380

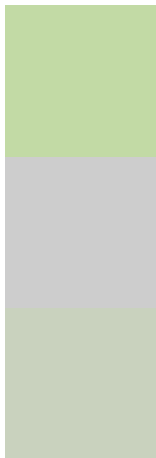
Deuteranomaly

208.2350, 23.8430, -8.1010

Tritanomaly

208.0870, -4.8590, -5.5550

Monochromacy



Original Color

204.7820, 2.7090, -21.5710

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.0290, 1.0560, -8.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7820, 2.7090, -21.5710 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(194, 218, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 165)  
}
```

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(194, 218, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 165) }
```

Border

The CSS property to change the border of an element to YIQ 204.7820, 2.7090, -21.5710 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(194, 218, 165) }
```


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

```
.border{ border-color:rgb(194, 218, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 218, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 218, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 218, 165); box-shadow:4px 4px 4px 4px rgb(194, 218, 165) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7820, 2.7090, -21.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 218, 165) }
```

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

```
.background{ background-color: rgb(194,  
218, 165) }
```

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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