

Converting Colors

YIQ(216.2130, 20.9090, -9.9950)

Have a look what the booklet for
YIQ(216.2130, 20.9090, -9.9950)
contains.

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Color

**YIQ(216.2130, 20.9090,
-9.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D9B0
RGB	230, 217, 176
RGB Percent	90%, 85%, 69%
CMY	0.0980, 0.1490, 0.3097
CMYK	0.00, 0.06, 0.23, 0.10
HSL	46°, 52%, 80%
HSV	46°, 23%, 90%
XYZ	65.2844, 69.5818, 51.0793
YIQ	216.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

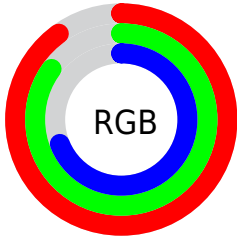
Format	Color
R_{YB}	193, 230, 176
Decimal	15129008
CIE Lab	86.79, -1.91, 21.82
CIE LCh	87, 21.907, 94.998
Yxy	69.5818, 0.3511, 0.3742
Android (android.graphics.Color)	4293319088 (0xFFE6D9B0)
YUV	216.2130, -19.8250, 12.0912
Hunter-Lab	83.4157, -6.2765, 22.0850

Details

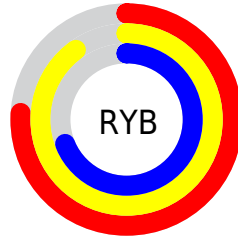
The YIQ color $216.2130, 20.9090, -9.9950$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $189.7870, -20.9090, 9.9950$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, 7.3830, -7.1530$, and $161.1420, 19.6710, -9.5850$ is the 20% darker color. If you saturate the color by 10%, you get $210.0690, 29.9420, -14.0100$, and if you desaturate by 10%, it is $222.3570, 11.8760, -5.9800$.

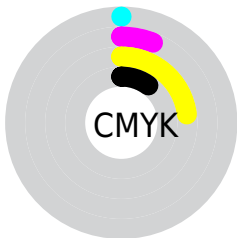
Distribution



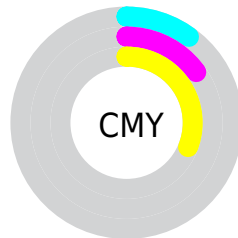
- Red (90%)
- Green (85%)
- Blue (69%)



- Red (76%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2130, 20.9090, -9.9950 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 216.2130, 20.9090, -9.9950 by changing the saturation by 10% instead.

■ 216.2130, 20.9090,
-9.9950

■ 216.2130, 20.9090,
-9.9950

255.0000, -0.0000,
-0.0000

■ 188.3270, 20.5880,
-9.6840

■ 252.3780, 7.3830,
-7.1530

■ 161.1420, 19.6710,
-9.5850

■ 134.9570, 18.7540,
-9.4860

■ 109.7720, 17.8370,
-9.3870

■ 85.0000, 17.1950,
-8.7650

■ 61.5160, 15.6820,
-8.8780

■ 39.1030, 15.4070,

-9.4010

■ 20.1010, 9.7210,
-5.4710

■ 0.0000, 0.0000,
0.0000

■ 216.2130, 20.9090,
-9.9950

■ 216.2130, 20.9090,
-9.9950

■ 210.0690, 29.9420,
-14.0100

■ 222.3570, 11.8760,
-5.9800

■ 204.5120, 38.7000,
-18.5480

■ 227.9140, 3.1180,
-1.4420

■ 198.3680, 47.7330,
-22.5630

■ 234.0580, -5.9150,
2.5730

■ 192.8110, 56.4910,
-27.1010

■ 238.1330,
-10.5000, 3.0680

■ 186.6670, 65.5240,
-31.1160

■ 241.6550,
-12.1500, -0.0700

■ 181.1100, 74.2820,
-35.6540

■ 244.5900,
-13.5250, -2.6850

■ 174.9660, 83.3150,
-39.6690

■ 247.5250,
-14.9000, -5.3000

■ 171.4950, 88.9550,
-42.7650

Harmonies

Analogous

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



218.2410, 32.8740, -1.0620



216.2130, 20.9090, -9.9950



213.6560, 3.3040, -15.8320

Triad

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



216.2130, 20.9090, -9.9950



209.6340, -43.1880, -10.2600



221.2770, 15.9980, 18.4460

Complementary

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



216.2130, 20.9090, -9.9950



189.7870, -20.9090, 9.9950

Split Complementary

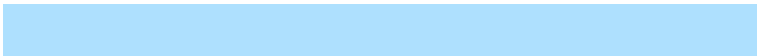
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.7460, -4.4960, 15.4080



216.2130, 20.9090, -9.9950



212.4700, -39.4300, -1.2700

Square

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



216.2130, 20.9090, -9.9950



209.1370, -34.6590, -16.1550



216.2380, -23.7970, 7.2670



219.8020, 27.4610, 14.4450

Rectangle

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



216.2130, 20.9090, -9.9950



212.3600, -10.5420, -18.2060



216.2380, -23.7970, 7.2670



221.0420, 9.3500, 17.7820

Sweetspot

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



216.2130, 20.9090, -9.9950



250.6000, 6.8780, -3.5060



193.7420, 27.6900, 15.8020



124.9850, 4.3560, -1.8520



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.



216.2130, 20.9090, -9.9950



236.9270, 27.4660, -13.1900



219.9570, 9.5860, -19.5500



111.8710, 4.6770, -2.1630



132.7660, 69.5590, -32.6570



38.1420, 19.6710, -9.5850

Inverse Universe

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



189.7870, -20.9090, 9.9950



202.0730, -27.4660, 13.1900



186.3420, -8.9900, 19.7620



106.1290, -4.6770, 2.1630



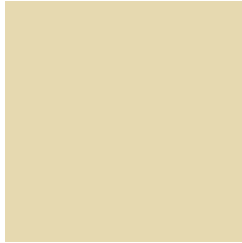
45.6470, -69.2840, 33.1800



12.8580, -19.6710, 9.5850

Previews

White Background



This preview shows how the YIQ color 216.2130, 20.9090, -9.9950 looks on a white background.

Color Contrast Check

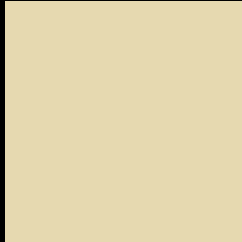
Large Text (above 18pt) WCAG AA × Fail

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 216.2130, 20.9090, -9.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

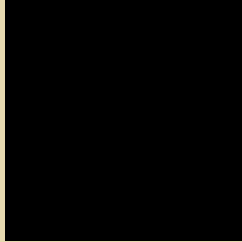
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.2130, 20.9090, -9.9950

Background



This preview shows how black text looks on a background with the YIQ color 216.2130, 20.9090, -9.9950.



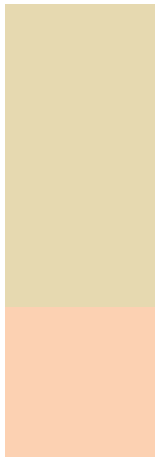
This preview shows how white text looks on a background with the YIQ color 216.2130, 20.9090, -9.9950.

-9.9950.

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

216.2130, 20.9090, -9.9950

Protanopia

216.2130, 20.9090, -9.9950

Deuteranopia

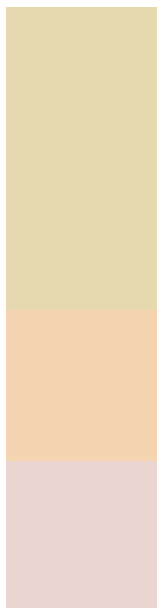
218.3230, 35.5790, -0.5250



Tritanopia

219.5980, 10.3600, 10.4880

Trichromacy



Original Color

216.2130, 20.9090, -9.9950

Protanomaly

216.2130, 20.9090, -9.9950

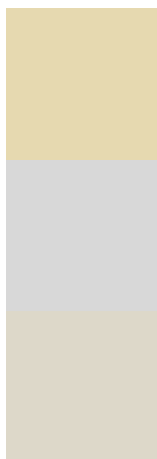
Deuteranomaly

217.5780, 30.3070, -4.1010

Tritanomaly

218.7090, 14.1210, 2.8970

Monochromacy



Original Color

216.2130, 20.9090, -9.9950

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.7850, 7.7950, -3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2130, 20.9090, -9.9950 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(230, 217, 176)` looks like.

```
.text, #text, p{  
    color:rgb(230, 217, 176)  
}
```

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(230, 217, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 217, 176) }
```

Border

The CSS property to change the border of an element to YIQ 216.2130, 20.9090, -9.9950 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(230, 217, 176) }
```


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

```
.border{ border-color:rgb(230, 217, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 217, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 217, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 217, 176);  
box-shadow:4px 4px 4px 4px rgb(230, 217,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2130, 20.9090, -9.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 217, 176) }
```

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

```
.background{ background-color: rgb(230,  
217, 176) }
```

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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