

Converting Colors

YIQ(224.2130, 20.9090, -9.9950)

Have a look what the booklet for
YIQ(224.2130, 20.9090, -9.9950)
contains.

YIQ(224.2130, 20.9090, -9.9950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(224.2130, 20.9090,
-9.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE1B8
RGB	238, 225, 184
RGB Percent	93%, 88%, 72%
CMY	0.0667, 0.1176, 0.2783
CMYK	0.00, 0.05, 0.23, 0.07
HSL	46°, 61%, 83%
HSV	46°, 23%, 93%
XYZ	70.8389, 75.4867, 56.2003
YIQ	224.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

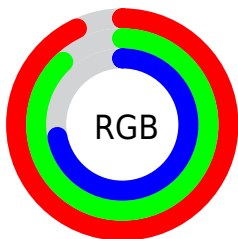
Format	Color
R _Y B	201, 238, 184
Decimal	15655352
CIE Lab	89.62, -1.93, 21.67
CIE LCh	90, 21.759, 95.091
Yxy	75.4867, 0.3498, 0.3727
Android (android.graphics.Color)	4293845432 (0xFFEEE1B8)
YUV	224.2130, -19.8250, 12.0912
Hunter-Lab	86.8831, -6.5080, 22.4665

Details

The YIQ color $224.2130, 20.9090, -9.9950$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $197.7870, -20.9090, 9.9950$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2900, 4.8150, -4.6650$, and $169.1420, 19.6710, -9.5850$ is the 20% darker color. If you saturate the color by 10%, you get $217.9550, 30.2630, -14.3210$, and if you desaturate by 10%, it is $230.4710, 11.5550, -5.6690$.

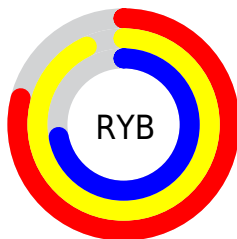
Distribution



Red (93%)

Green (88%)

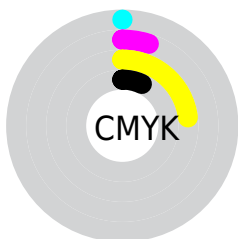
Blue (72%)



Red (79%)

Yellow (93%)

Blue (72%)

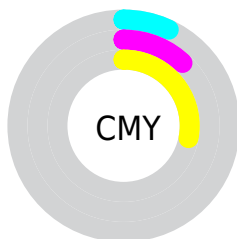


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.2130, 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 224.2130, 20.9090, -9.9950 by changing the saturation by 10% instead.

■ 224.2130, 20.9090,
-9.9950

■ 224.2130, 20.9090,
-9.9950

255.0000, -0.0000,
-0.0000

■ 196.0280, 19.9920,
-9.8960

■ 253.2900, 4.8150,
-4.6650

■ 169.1420, 19.6710,
-9.5850

■ 142.0710, 18.4330,
-9.1750

■ 116.7720, 17.8370,
-9.3870

■ 91.7010, 16.5990,
-8.9770

■ 68.5160, 15.6820,
-8.8780

■ 45.9180, 14.4900,

-9.3020

■ 25.7160, 12.2430,
-7.1250

■ 0.0000, 0.0000,
0.0000

■ 224.2130, 20.9090,
-9.9950

■ 224.2130, 20.9090,
-9.9950

■ 217.9550, 30.2630,
-14.3210

■ 230.4710, 11.5550,
-5.6690

■ 212.2840, 39.3420,
-19.1700

■ 236.1420, 2.4760,
-0.8200

■ 206.1400, 48.3750,
-23.1850

■ 242.2860, -6.5570,
3.1950

■ 199.8820, 57.7290,
-27.5110

■ 245.8080, -8.2070,
0.0570

■ 193.6240, 67.0830,
-31.8370

■ 249.3300, -9.8570,
-3.0810

■ 187.9530, 76.1620,
-36.6860

■ 249.9170,
-10.1320, -3.6040

■ 181.6950, 85.5160,
-41.0120

■ 177.4090, 92.0730,
-44.2070

Harmonies

Analogous

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



225.6430, 31.6820, -1.4860



224.2130, 20.9090, -9.9950



221.6560, 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.



224.2130, 20.9090, -9.9950



217.6340, -43.1880, -10.2600



228.9780, 15.4020, 18.2340

Complementary

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



224.2130, 20.9090, -9.9950



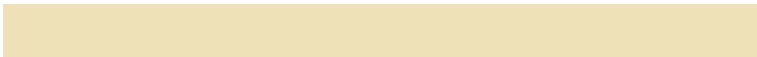
197.7870, -20.9090, 9.9950

Split Complementary

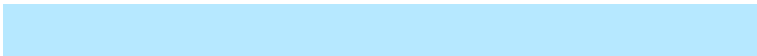
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.5890, -2.6160, 14.3760



224.2130, 20.9090, -9.9950



219.6720, -37.1830, -3.4470

Square

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



224.2130, 20.9090, -9.9950



217.1370, -34.6590, -16.1550



223.3260, -21.2290, 4.7790



225.4100, 22.6930, 12.7490

Rectangle

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



224.2130, 20.9090, -9.9950



220.3600, -10.5420, -18.2060



223.3260, -21.2290, 4.7790



229.0420, 9.3500, 17.7820

Sweetspot

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



224.2130, 20.9090, -9.9950



250.6000, 6.8780, -3.5060



201.7420, 27.6900, 15.8020



124.9850, 4.3560, -1.8520



0.0000, 0.0000, 0.0000



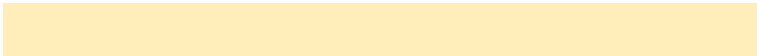
128.0000, -0.0000, -0.0000

Same Dimension

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



224.2130, 20.9090, -9.9950



237.1550, 26.8240, -12.5680



227.9570, 9.5860, -19.5500



116.8710, 4.6770, -2.1630



136.6090, 71.4390, -33.6890



41.9850, 21.5510, -10.6170

Inverse Universe

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



197.7870, -20.9090, 9.9950



203.8450, -26.8240, 12.5680



194.3420, -8.9900, 19.7620



111.1290, -4.6770, 2.1630



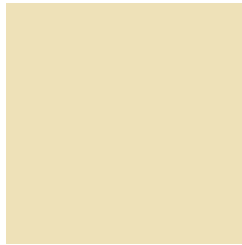
46.8040, -71.1640, 34.2120



14.6020, -21.8260, 10.0940

Previews

White Background



This preview shows how the YIQ color 224.2130, 20.9090, -9.9950 looks on a white background.

Color Contrast Check

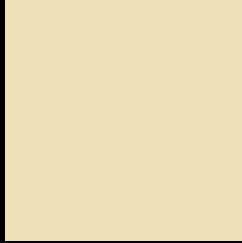
Large Text (above 18pt) WCAG AA × Fail

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 224.2130, 20.9090, -9.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

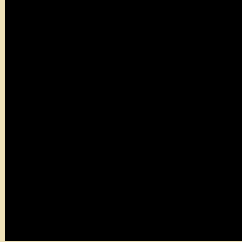
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.2130, 20.9090, -9.9950

Background



This preview shows how black text looks on a background with the YIQ color 224.2130, 20.9090, -9.9950.



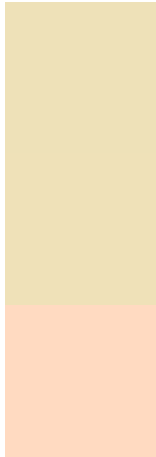
This preview shows how white text looks on a background with the YIQ color 224.2130, 20.9090, -9.9950.

-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

224.2130, 20.9090, -9.9950

Protanopia

224.5120, 21.5050, -9.7830

Deuteranopia

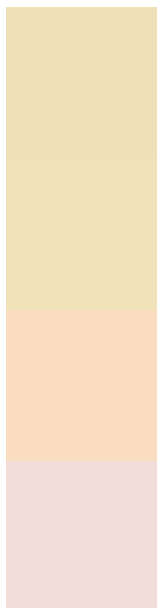
226.2130, 30.0770, 0.0690



Tritanopia

227.7120, 10.0390, 10.7990

Trichromacy



Original Color

224.2130, 20.9090, -9.9950

Protanomaly

224.5120, 21.5050, -9.7830

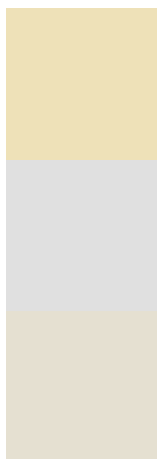
Deuteranomaly

225.8380, 26.6390, -3.7050

Tritanomaly

226.7090, 14.1210, 2.8970

Monochromacy



Original Color

224.2130, 20.9090, -9.9950

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7850, 7.7950, -3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.2130, 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(238, 225, 184)` looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 184)  
}
```

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(238, 225, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 184) }
```

Border

The CSS property to change the border of an element to YIQ 224.2130, 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(238, 225, 184) }
```


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

```
.border{ border-color:rgb(238, 225, 184) }
```

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

Here you see how a box with a 4 pixel rgb(238, 225, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 184);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 224.2130, 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(238, 225, 184) }
```

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

```
.background{ background-color: rgb(238,  
225, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor