

Converting Colors

YIQ(218.8960, 20.7240, -1.1320)

Have a look what the booklet for
YIQ(218.8960, 20.7240, -1.1320)
contains.

YIQ(218.8960, 20.7240, -1.1320)	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(218.8960, 20.7240,
-1.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	EED6C2
RGB	238, 214, 194
RGB Percent	93%, 84%, 76%
CMY	0.0666, 0.1608, 0.2391
CMYK	0.00, 0.10, 0.18, 0.07
HSL	27°, 56%, 85%
HSV	27°, 18%, 93%
XYZ	69.0481, 70.1633, 60.9573
YIQ	218.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

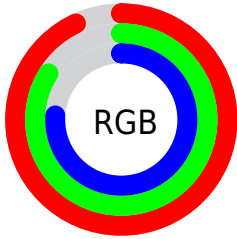
Format	Color
R _Y B	238, 231, 194
Decimal	15652546
CIE Lab	87.08, 5.18, 12.88
CIE LCh	87, 13.885, 68.094
Yxy	70.1633, 0.3449, 0.3505
Android (android.graphics.Color)	4293842626 (0xFFEED6C2)
YUV	218.8960, -12.2737, 16.7542
Hunter-Lab	83.7635, 0.5553, 15.4873

Details

The YIQ color **218.8960, 20.7240, -1.1320** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213.1040, -20.7240, 1.1320**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **254.5440, 1.2840, -1.2440**, and **163.7110, 19.8070, -1.0330** is the 20% darker color. If you saturate the color by 10%, you get **208.5290, 32.0030, -1.7970**, and if you desaturate by 10%, it is **229.2630, 9.4450, -0.4670**.

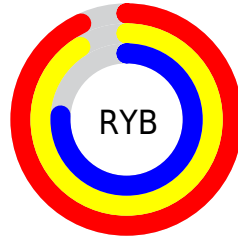
Distribution



Red (93%)

Green (84%)

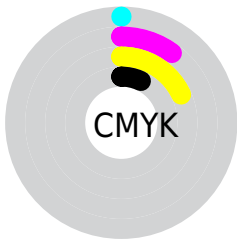
Blue (76%)



Red (93%)

Yellow (91%)

Blue (76%)

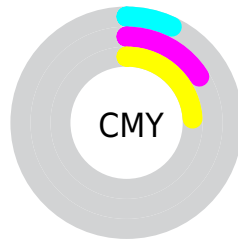


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.8960, 20.7240, -1.1320 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 218.8960, 20.7240, -1.1320 by changing the saturation by 10% instead.

218.8960, 20.7240,
-1.1320

218.8960, 20.7240,
-1.1320

255.0000, -0.0000,
-0.0000

191.0100, 20.4030,
-0.8210

254.5440, 1.2840,
-1.2440

163.7110, 19.8070,
-1.0330

137.5260, 18.8900,
-0.9340

111.9280, 17.6980,
-1.3580

87.7430, 16.7810,
-1.2590

64.2590, 15.2680,
-1.3720

42.0740, 14.3510,

-1.2730

■ 20.7320, 15.3140,
-2.2060

■ 0.0000, 0.0000,
0.0000

■ 218.8960, 20.7240,
-1.1320

■ 218.8960, 20.7240,
-1.1320

■ 208.5290, 32.0030,
-1.7970

■ 229.2630, 9.4450,
-0.4670

■ 198.1620, 43.2820,
-2.4620

■ 239.6300, -1.8340,
0.1980

■ 187.9090, 54.2400,
-2.8160

■ 248.7430, -9.5820,
-2.5580

■ 177.5420, 65.5190,
-3.4810

■ 249.9170,
-10.1320, -3.6040

■ 167.1750, 76.7980,
-4.1460

■ 156.8080, 88.0770,
-4.8110

■ 146.4410, 99.3560,
-5.4760

■ 136.1880,
110.3140, -5.8300

■ 134.5580,
112.1480, -6.0280

Harmonies

Analogous

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



220.4390, 23.7490, 4.6210



218.8960, 20.7240, -1.1320



217.1290, 12.5180, -6.6020

Triad

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



218.8960, 20.7240, -1.1320



213.7690, -21.6390, -9.8230



220.1390, -1.4690, 10.1070

Complementary

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



218.8960, 20.7240, -1.1320



213.1040, -20.7240, 1.1320

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.



218.2730, -13.7100, 6.1780



218.8960, 20.7240, -1.1320



214.3650, -26.1330, -5.4690

Square

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



218.8960, 20.7240, -1.1320



214.3910, -11.8270, -11.4350



215.9080, -23.1080, 0.2840



220.7230, 11.5060, 11.7460

Rectangle

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



218.8960, 20.7240, -1.1320



216.2420, 4.7700, -9.3580



215.9080, -23.1080, 0.2840



219.4590, -5.3660, 9.1460

Sweetspot

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



218.8960, 20.7240, -1.1320



248.5940, 7.0150, -0.4810



209.8920, 18.5200, 16.7920



124.0390, 4.2640, -0.1840



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.



218.8960, 20.7240, -1.1320



230.4190, 26.5010, -1.2030



231.8100, 14.6740, -12.6380



114.5230, 5.7770, -0.0710



103.7370, 86.8390, -4.4010



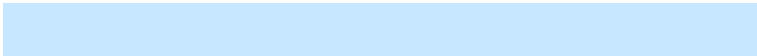
31.4190, 26.5010, -1.2030

Inverse Universe

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



213.1040, -20.7240, 1.1320



223.5810, -26.5010, 1.2030



200.1900, -14.6740, 12.6380



112.8900, -5.5020, 0.5940



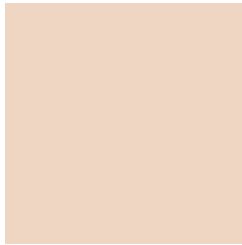
79.6760, -86.5640, 4.9240



24.5810, -26.5010, 1.2030

Previews

White Background



This preview shows how the YIQ color 218.8960, 20.7240, -1.1320 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 218.8960, 20.7240, -1.1320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

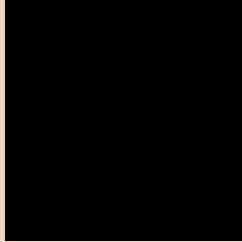
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.8960, 20.7240, -1.1320

Background



This preview shows how black text looks on a background with the YIQ color 218.8960, 20.7240, -1.1320.



This preview shows how white text looks on a background with the YIQ color 218.8960, 20.7240,

-1.1320.

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

218.8960, 20.7240, -1.1320

Protanopia

218.1830, 12.4260, -4.9340

Deuteranopia

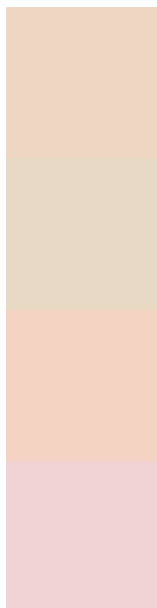
219.6520, 27.4630, 3.3910



Tritanopia

220.8050, 14.2110, 12.2830

Trichromacy



Original Color

218.8960, 20.7240, -1.1320

Protanomaly

218.6780, 15.4060, -3.8740

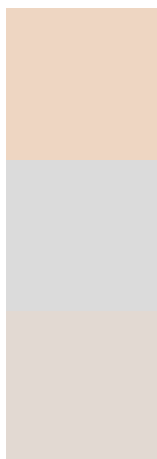
Deuteranomaly

219.0430, 24.8040, 2.0200

Tritanomaly

220.3120, 16.9170, 7.2930

Monochromacy



Original Color

218.8960, 20.7240, -1.1320

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.8930, 7.6110, -0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.8960, 20.7240, -1.1320 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, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 194)  
}
```

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, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 194) }
```

Border

The CSS property to change the border of an element to YIQ 218.8960, 20.7240, -1.1320 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, 214, 194) }
```


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

```
.border{ border-color:rgb(238, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(238, 214,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 218.8960, 20.7240, -1.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 194) }
```

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

```
.background{ background-color: rgb(238,  
214, 194) }
```

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