

Converting Colors

YIQ(220.2920, 27.6960,
-17.3600)

Have a look what the booklet for
YIQ(220.2920, 27.6960, -17.3600)
contains.

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Color

**YIQ(220.2920, 27.6960,
-17.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0A0
RGB	236, 224, 160
RGB Percent	93%, 88%, 63%
CMY	0.0745, 0.1216, 0.3724
CMYK	0.00, 0.05, 0.32, 0.07
HSL	51°, 67%, 78%
HSV	51°, 32%, 93%
XYZ	67.5941, 73.6804, 43.9355
YIQ	220.2920, 27.6960, -17.3600

Conversions

Conversions Part 2

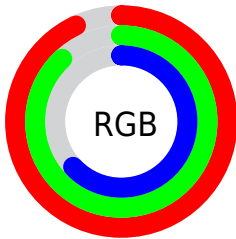
Format	Color
RYB	174, 236, 160
Decimal	15524000
CIELab	88.77, -5.30, 32.85
CIELCh	89, 33.274, 99.166
Yxy	73.6804, 0.3650, 0.3978
Android (android.graphics.Color)	4293714080 (0xFFECE0A0)
YUV	220.2920, -29.7240, 13.7759
Hunter-Lab	85.8373, -9.6522, 29.7387

Details

The YIQ color $220.2920, 27.6960, -17.3600$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $175.7080, -27.6960, 17.3600$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, 12.8400, -12.4400$, and $165.0360, 25.5410, -16.8510$ is the 20% darker color. If you saturate the color by 10%, you get $215.2080, 36.5000, -22.7320$, and if you desaturate by 10%, it is $225.3760, 18.8920, -11.9880$.

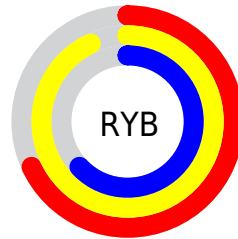
Distribution



Red (93%)

Green (88%)

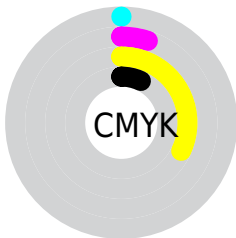
Blue (63%)



Red (68%)

Yellow (93%)

Blue (63%)

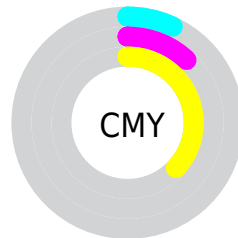


Cyan (0%)

Magenta (5%)

Yellow (32%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2920, 27.6960, -17.3600 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 220.2920, 27.6960, -17.3600 by changing the saturation by 10% instead.

■ 220.2920, 27.6960,
-17.3600

■ 220.2920, 27.6960,
-17.3600

255.0000, -0.0000,
-0.0000

■ 192.2210, 26.4580,
-16.9500

■ 250.4400, 12.8400,
-12.4400

■ 165.0360, 25.5410,
-16.8510

■ 253.7460, 3.5310,
-3.4210

■ 138.8510, 24.6240,
-16.7520

■ 112.7800, 23.3860,
-16.3420

■ 87.7090, 22.1480,
-15.9320

■ 63.9970, 21.2770,
-16.6670

■ 42.8380, 17.4710,

-13.7690

■ 23.3350, 8.9420,
-7.8740

■ 0.0000, 0.0000,
0.0000

■ 220.2920, 27.6960,
-17.3600

■ 220.2920, 27.6960,
-17.3600

■ 215.2080, 36.5000,
-22.7320

■ 225.3760, 18.8920,
-11.9880

■ 210.8250, 44.7080,
-28.3160

■ 229.7590, 10.6840,
-6.4040

■ 205.7410, 53.5120,
-33.6880

■ 234.8430, 1.8800,
-1.0320

■ 200.7710, 61.9950,
-38.7490

■ 239.8130, -6.6030,
4.0290

■ 195.6870, 70.7990,
-44.1210

■ 242.2750, -8.0240,
2.2480

■ 191.1900, 79.3280,
-50.0160

■ 244.0360, -8.8490,
0.6790

■ 187.3770, 85.9310,
-54.0450

■ 246.3840, -9.9490,
-1.4130

■ 248.7320,
-11.0490, -3.5050

■ 249.3190,
-11.3240, -4.0280

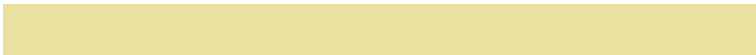
Harmonies

Analogous

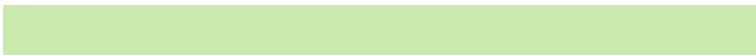
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.9720, 40.7610, -6.3350



220.2920, 27.6960, -17.3600



216.5920, 0.1880, -25.4440

Triad

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



220.2920, 27.6960, -17.3600



207.3360, -71.8880, -18.7680



222.8630, 17.4640, 24.9200

Complementary

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



220.2920, 27.6960, -17.3600



175.7080, -27.6960, 17.3600

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.



224.6870, 3.1600, 19.8320



220.2920, 27.6960, -17.3600



211.0010, -54.4670, -9.5950

Square

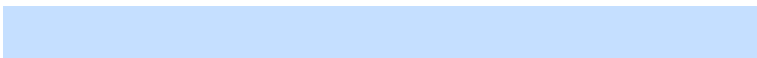
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.2920, 27.6960, -17.3600



208.2800, -60.2870, -25.2710



218.8740, -25.7680, 4.4400



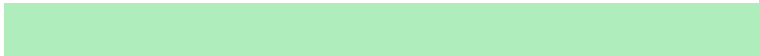
218.0410, 28.2860, 16.0140

Rectangle

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



220.2920, 27.6960, -17.3600



213.2890, -20.9480, -27.8600



218.8740, -25.7680, 4.4400



225.6500, 13.7500, 26.1500

Sweetspot

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



220.2920, 27.6960, -17.3600



249.8020, 9.1250, -5.6830



184.2060, 41.1230, 20.1550



124.4150, 5.9610, -3.4070



0.0000, 0.0000, 0.0000



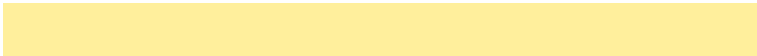
128.0000, -0.0000, -0.0000

Same Dimension

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



220.2920, 27.6960, -17.3600



234.3220, 36.1790, -22.4210



219.8610, 9.4960, -28.9360



114.5720, 4.0810, -2.3750



143.3430, 66.0760, -41.1240



42.5610, 19.8090, -12.0870

Inverse Universe

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



175.7080, -27.6960, 17.3600



176.0910, -35.9040, 22.9440



176.1390, -9.4960, 28.9360



107.8410, -3.8060, 2.8980



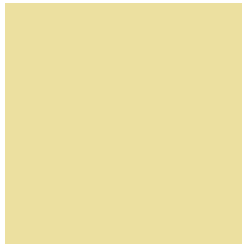
37.6570, -66.0760, 41.1240



10.8520, -19.5340, 12.6100

Previews

White Background



This preview shows how the YIQ color 220.2920, 27.6960, -17.3600 looks on a white background.

Color Contrast Check

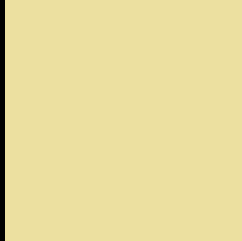
Large Text (above 18pt) WCAG AA × Fail

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 220.2920, 27.6960, -17.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

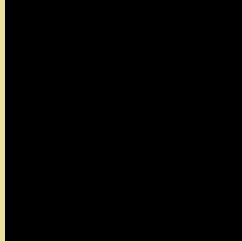
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.2920, 27.6960, -17.3600

Background



This preview shows how black text looks on a background with the YIQ color 220.2920, 27.6960, -17.3600.



This preview shows how white text looks on a background with the YIQ color 220.2920, 27.6960, -17.3600.

-17.3600.

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

220.2920, 27.6960, -17.3600

Protanopia

220.7870, 30.6760, -16.3000

Deuteranopia

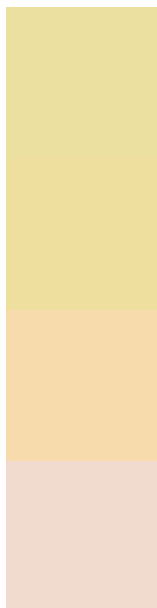
223.4430, 35.1210, -3.2390



Tritanopia

225.6090, 11.8270, 11.4350

Trichromacy



Original Color

220.2920, 27.6960, -17.3600

Protanomaly

220.4880, 30.0800, -16.5120

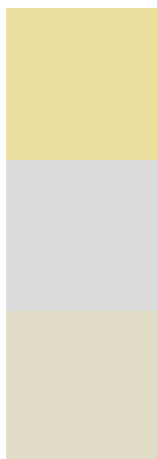
Deuteranomaly

222.3130, 32.3710, -8.4690

Tritanomaly

223.5090, 17.5600, 1.1440

Monochromacy



Original Color

220.2920, 27.6960, -17.3600

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8730, 10.3630, -6.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2920, 27.6960, -17.3600 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(236, 224, 160)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 160)  
}
```

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(236, 224, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 160) }
```

Border

The CSS property to change the border of an element to YIQ 220.2920, 27.6960, -17.3600 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(236, 224, 160) }
```


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

```
.border{ border-color:rgb(236, 224, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 160);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2920, 27.6960, -17.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 160) }
```

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

```
.background{ background-color: rgb(236,  
224, 160) }
```

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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