

Converting Colors

YIQ(213.7920, 32.2800,
-12.3280)

Have a look what the booklet for
YIQ(213.7920, 32.2800, -12.3280)
contains.

YIQ(213.7920, 32.2800, -12.3280)	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(213.7920, 32.2800,
-12.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD59D
RGB	237, 213, 157
RGB Percent	93%, 84%, 62%
CMY	0.0706, 0.1647, 0.3841
CMYK	0.00, 0.10, 0.34, 0.07
HSL	42°, 69%, 77%
HSV	42°, 34%, 93%
XYZ	64.8082, 68.0247, 41.6322
YIQ	213.7920, 32.2800, -12.3280

Conversions

Conversions Part 2

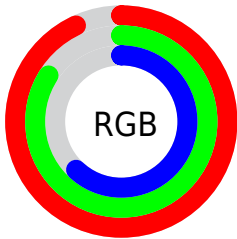
Format	Color
RYB	191, 237, 157
Decimal	15586717
CIELab	86.02, 0.35, 30.73
CIELCh	86, 30.734, 89.355
Yxy	68.0247, 0.3715, 0.3899
Android (android.graphics.Color)	4293776797 (0xFFEDD59D)
YUV	213.7920, -27.9985, 20.3534
Hunter-Lab	82.4771, -4.0746, 27.8060

Details

The YIQ color $213.7920, 32.2800, -12.3280$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $180.2080, -32.2800, 12.3280$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, 13.8030, -13.3730$, and $158.5360, 30.1250, -11.8190$ is the 20% darker color. If you saturate the color by 10%, you get $206.9470, 41.9090, -16.1310$, and if you desaturate by 10%, it is $220.6370, 22.6510, -8.5250$.

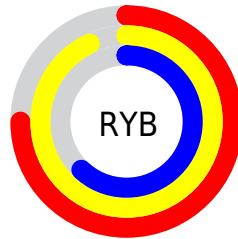
Distribution



Red (93%)

Green (84%)

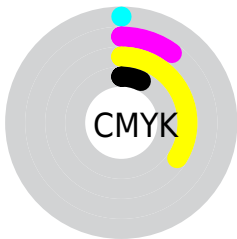
Blue (62%)



Red (75%)

Yellow (93%)

Blue (62%)

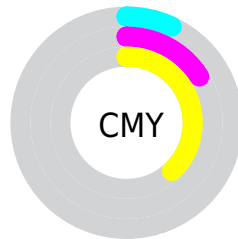


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.7920, 32.2800, -12.3280 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 213.7920, 32.2800, -12.3280 by changing the saturation by 10% instead.

213.7920, 32.2800,
-12.3280

213.7920, 32.2800,
-12.3280

255.0000, -0.0000,
-0.0000

185.7210, 31.0420,
-11.9180

250.0980, 13.8030,
-13.3730

158.5360, 30.1250,
-11.8190

253.2900, 4.8150,
-4.6650

132.4650, 28.8870,
-11.4090

106.9810, 27.3740,
-11.5220

82.4970, 25.8610,
-11.6350

58.6000, 24.0730,
-12.2710

38.1420, 19.6710,

-9.5850

■ 18.9270, 10.2710,
-4.4250

■ 0.0000, 0.0000,
0.0000

■ 213.7920, 32.2800,
-12.3280

■ 213.7920, 32.2800,
-12.3280

■ 206.9470, 41.9090,
-16.1310

■ 220.6370, 22.6510,
-8.5250

■ 200.2160, 51.2170,
-19.6230

■ 227.3680, 13.3430,
-5.0330

■ 193.3710, 60.8460,
-23.4260

■ 234.2130, 3.7140,
-1.2300

■ 186.5260, 70.4750,
-27.2290

■ 241.0580, -5.9150,
2.5730

■ 179.2080, 80.0580,
-30.1980

■ 246.0960, -9.0780,
-0.6780

■ 172.3630, 89.6870,
-34.0010

■ 249.6180,
-10.7280, -3.8160

■ 168.3050, 95.6020,
-36.5740

Harmonies

Analogous

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



214.3300, 42.8690, -0.4830



213.7920, 32.2800, -12.3280



210.6040, 9.0820, -21.4300

Triad

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



213.7920, 32.2800, -12.3280



201.5710, -65.2400, -18.1040



220.0910, 16.8220, 25.5420

Complementary

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



213.7920, 32.2800, -12.3280



180.2080, -32.2800, 12.3280

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.



216.6470, -8.5310, 16.9490



213.7920, 32.2800, -12.3280



204.1900, -59.3730, -8.7890

Square

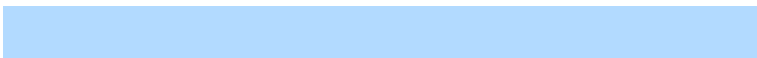
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.7920, 32.2800, -12.3280



202.6360, -46.6700, -24.2540



210.2580, -35.7170, 3.0270



214.8610, 28.9730, 20.0850

Rectangle

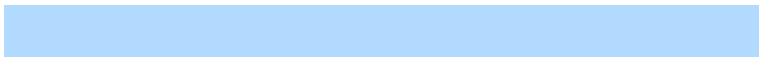
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.7920, 32.2800, -12.3280



208.3290, -9.2570, -24.9770



210.2580, -35.7170, 3.0270



219.1870, 7.7440, 24.8640

Sweetspot

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



213.7920, 32.2800, -12.3280



247.4540, 10.2250, -3.5910



183.7700, 39.6550, 24.7350



123.2410, 6.5110, -2.3610



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.



213.7920, 32.2800, -12.3280



225.1750, 41.2670, -15.5090



223.3950, 16.7400, -28.0600



113.9850, 4.3560, -1.8520



128.6680, 72.9510, -28.0490



37.8650, 22.0090, -7.9030

Inverse Universe

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



180.2080, -32.2800, 12.3280



182.8250, -41.2670, 15.5090



170.6050, -16.7400, 28.0600



109.0150, -4.3560, 1.8520



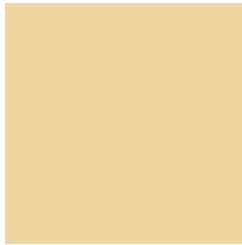
52.3320, -72.9510, 28.0490



15.5480, -21.7340, 8.4260

Previews

White Background



This preview shows how the YIQ color 213.7920, 32.2800, -12.3280 looks on a white background.

Color Contrast Check

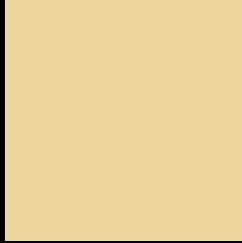
Large Text (above 18pt) WCAG AA × Fail

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 213.7920, 32.2800, -12.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

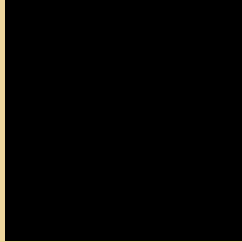
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.7920, 32.2800, -12.3280

Background



This preview shows how black text looks on a background with the YIQ color 213.7920, 32.2800, -12.3280.



This preview shows how white text looks on a background with the YIQ color 213.7920, 32.2800, -12.3280.

-12.3280.

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

213.7920, 32.2800, -12.3280

Protanopia

213.2860, 27.8330, -14.3350

Deuteranopia

214.8800, 44.0160, -4.7520



Tritanopia

218.4850, 18.1080, 13.2440

Trichromacy



Original Color

213.7920, 32.2800, -12.3280

Protanomaly

213.2970, 29.3000, -13.3880

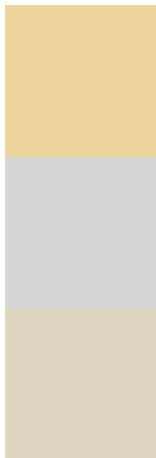
Deuteranomaly

214.8470, 39.6150, -7.5930

Tritanomaly

216.7270, 22.8780, 3.8860

Monochromacy



Original Color

213.7920, 32.2800, -12.3280

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9980, 11.5090, -4.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7920, 32.2800, -12.3280 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(237, 213, 157)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 157)  
}
```

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(237, 213, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 157) }
```

Border

The CSS property to change the border of an element to YIQ 213.7920, 32.2800, -12.3280 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(237, 213, 157) }
```


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

```
.border{ border-color:rgb(237, 213, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 157);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7920, 32.2800, -12.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 157) }
```

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

```
.background{ background-color: rgb(237,  
213, 157) }
```

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