

Converting Colors

YIQ(214.4900, 35.7660,
-20.4420)

Have a look what the booklet for
YIQ(214.4900, 35.7660, -20.4420)
contains.

YIQ(214.4900, 35.7660, -20.4420)	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(214.4900, 35.7660,
-20.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDA8C
RGB	236, 218, 140
RGB Percent	93%, 85%, 55%
CMY	0.0745, 0.1451, 0.4508
CMYK	0.00, 0.08, 0.41, 0.07
HSL	49°, 72%, 74%
HSV	49°, 41%, 93%
XYZ	64.3984, 69.8664, 34.9223
YIQ	214.4900, 35.7660, -20.4420

Conversions

Conversions Part 2

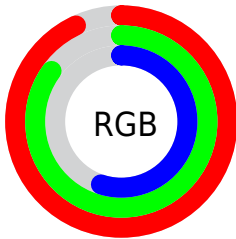
Format	Color
R _{YB}	162, 236, 140
Decimal	15522444
CIE Lab	86.93, -4.52, 40.57
CIE LCh	87, 40.816, 96.353
Yxy	69.8664, 0.3806, 0.4130
Android (android.graphics.Color)	4293712524 (0xFFEEDA8C)
YUV	214.4900, -36.7236, 18.8643
Hunter-Lab	83.5861, -8.7514, 33.7389

Details

The YIQ color $214.4900, 35.7660, -20.4420$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $161.5100, -35.7660, 20.4420$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.0460, 19.5810, -18.9710$, and $159.2340, 33.6110, -19.9330$ is the 20% darker color. If you saturate the color by 10%, you get $209.4060, 44.5700, -25.8140$, and if you desaturate by 10%, it is $219.5740, 26.9620, -15.0700$.

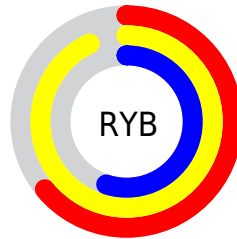
Distribution



Red (93%)

Green (85%)

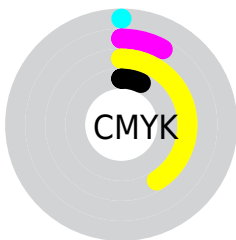
Blue (55%)



Red (64%)

Yellow (93%)

Blue (55%)

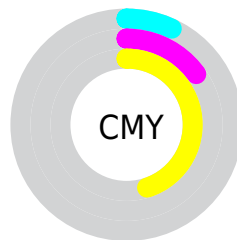


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4900, 35.7660, -20.4420 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 214.4900, 35.7660, -20.4420 by changing the saturation by 10% instead.

214.4900, 35.7660,
-20.4420

214.4900, 35.7660,
-20.4420

255.0000, -0.0000,
-0.0000

186.4190, 34.5280,
-20.0320

248.1600, 19.2600,
-18.6600

159.2340, 33.6110,
-19.9330

251.3520, 10.2720,
-9.9520

132.8640, 31.7770,
-19.7350

254.6580, 0.9630,
-0.9330

107.2660, 30.5850,
-20.1590

82.1410, 29.4390,
-21.4170

59.0960, 25.3120,
-18.2080

39.2940, 16.1870,

-12.5250

■ 20.0790, 6.7870,
-7.3650

■ 0.0000, 0.0000,
0.0000

■ 214.4900, 35.7660,
-20.4420

■ 214.4900, 35.7660,
-20.4420

■ 209.4060, 44.5700,
-25.8140

■ 219.5740, 26.9620,
-15.0700

■ 203.8490, 53.3280,
-30.3520

■ 225.1310, 18.2040,
-10.5320

■ 198.7650, 62.1320,
-35.7240

■ 230.2150, 9.4000,
-5.1600

■ 193.2080, 70.8900,
-40.2620

■ 235.7720, 0.6420,
-0.6220

■ 188.1240, 79.6940,
-45.6340

■ 240.5140, -7.1990,
3.8170

■ 183.2680, 87.8560,
-50.3840

■ 243.4490, -8.5740,
1.2020

■ 245.7970, -9.6740,
-0.8900

■ 248.1450,
-10.7740, -2.9820

■ 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.



213.4520, 48.0970, -7.1270



214.4900, 35.7660, -20.4420



209.9850, 3.2150, -30.7450

Triad

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



214.4900, 35.7660, -20.4420



191.8100, -99.9460, -27.8980



218.0360, 18.6550, 30.8710

Complementary

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



214.4900, 35.7660, -20.4420



161.5100, -35.7660, 20.4420

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.



219.0720, 0.6380, 21.4860



214.4900, 35.7660, -20.4420



198.7640, -75.9690, -16.3930

Square

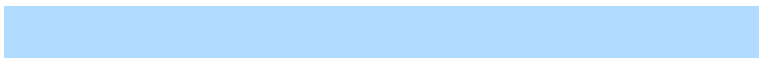
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.4900, 35.7660, -20.4420



196.1420, -77.7540, -33.6100



210.5460, -36.5880, 2.2920



210.6550, 32.5490, 21.3570

Rectangle

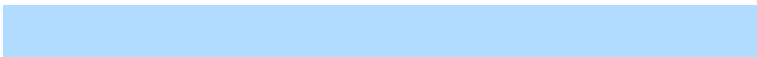
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.4900, 35.7660, -20.4420



205.9310, -23.0560, -33.7120



210.5460, -36.5880, 2.2920



220.3670, 16.2250, 30.8570

Sweetspot

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



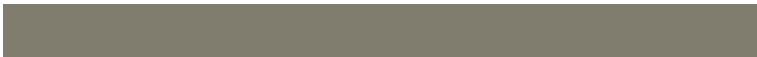
214.4900, 35.7660, -20.4420



247.9440, 11.6010, -6.5030



170.8700, 51.1170, 26.2610



123.6000, 6.8780, -3.5060



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.



214.4900, 35.7660, -20.4420



227.2490, 46.4500, -26.8460



216.3850, 13.5320, -36.0040



114.5720, 4.0810, -2.3750



140.4080, 67.4510, -38.5090



41.9740, 20.0840, -11.5640

Inverse Universe

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



161.5100, -35.7660, 20.4420



157.7510, -46.4500, 26.8460



159.6150, -13.5320, 36.0040



108.4280, -4.0810, 2.3750



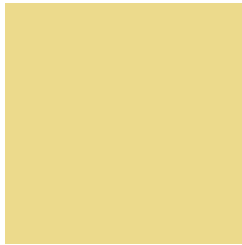
40.5920, -67.4510, 38.5090



12.0260, -20.0840, 11.5640

Previews

White Background



This preview shows how the YIQ color 214.4900, 35.7660, -20.4420 looks on a white background.

Color Contrast Check

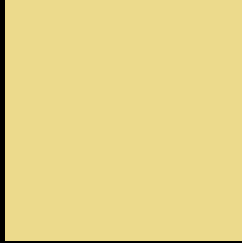
Large Text (above 18pt) WCAG AA × Fail

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 214.4900, 35.7660, -20.4420 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 214.4900, 35.7660, -20.4420

Background



This preview shows how black text looks on a background with the YIQ color 214.4900, 35.7660, -20.4420.



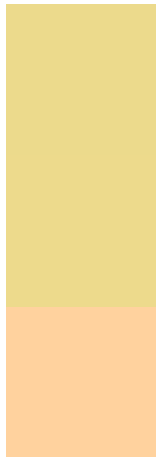
This preview shows how white text looks on a background with the YIQ color 214.4900, 35.7660,

-20.4420.

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

214.4900, 35.7660, -20.4420

Protanopia

214.7890, 36.3620, -20.2300

Deuteranopia

217.5270, 43.5120, -6.6320



Tritanopia

220.8870, 16.9160, 12.8200

Trichromacy



Original Color

214.4900, 35.7660, -20.4420

Protanomaly

214.7890, 36.3620, -20.2300

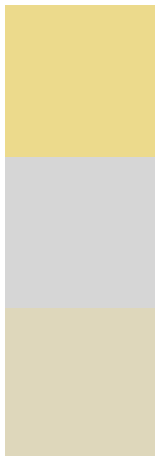
Deuteranomaly

216.3970, 40.7620, -11.8620

Tritanomaly

218.8040, 23.9790, 0.4510

Monochromacy



Original Color

214.4900, 35.7660, -20.4420

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9010, 13.1600, -7.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4900, 35.7660, -20.4420 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, 218, 140)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 140)  
}
```

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, 218, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 140) }
```

Border

The CSS property to change the border of an element to YIQ 214.4900, 35.7660, -20.4420 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, 218, 140) }
```


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

```
.border{ border-color:rgb(236, 218, 140) }
```

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

Here you see how a box with a 4 pixel rgb(236, 218, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 140);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4900, 35.7660, -20.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 140) }
```

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

```
.background{ background-color: rgb(236,  
218, 140) }
```

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