

Converting Colors

YIQ(210.3550, 40.5800,
-19.5800)

Have a look what the booklet for
YIQ(210.3550, 40.5800, -19.5800)
contains.

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Color

**YIQ(210.3550, 40.5800,
-19.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD484
RGB	237, 212, 132
RGB Percent	93%, 83%, 52%
CMY	0.0706, 0.1686, 0.4821
CMYK	0.00, 0.11, 0.44, 0.07
HSL	46°, 74%, 72%
HSV	46°, 44%, 93%
XYZ	62.6354, 66.7541, 31.4338
YIQ	210.3550, 40.5800, -19.5800

Conversions

Conversions Part 2

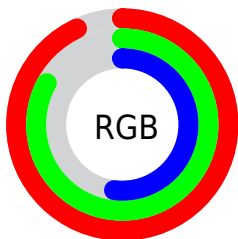
Format	Color
RYB	165, 237, 132
Decimal	15586436
CIELab	85.38, -1.87, 42.61
CIELCh	85, 42.651, 92.517
Yxy	66.7541, 0.3895, 0.4151
Android (android.graphics.Color)	4293776516 (0xFFEDD484)
YUV	210.3550, -38.6290, 23.3677
Hunter-Lab	81.7032, -6.1385, 34.3815

Details

The YIQ color **210.3550, 40.5800, -19.5800** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **158.6450, -40.5800, 19.5800**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **247.1340, 22.1490, -21.4590**, and **155.5010, 37.2330, -19.4950** is the 20% darker color. If you saturate the color by 10%, you get **204.0970, 49.9340, -23.9060**, and if you desaturate by 10%, it is **216.6130, 31.2260, -15.2540**.

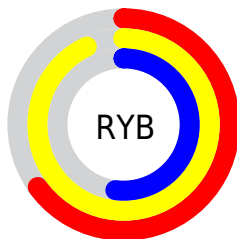
Distribution



Red (93%)

Green (83%)

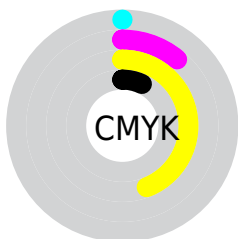
Blue (52%)



Red (65%)

Yellow (93%)

Blue (52%)

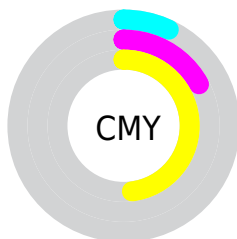


Cyan (0%)

Magenta (11%)

Yellow (44%)

Black (7%)



Cyan (7%)

Magenta (17%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.3550, 40.5800, -19.5800 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 210.3550, 40.5800, -19.5800 by changing the saturation by 10% instead.

■ 210.3550, 40.5800,
-19.5800

■ 210.3550, 40.5800,
-19.5800

■ 255.0000, -0.0000,
-0.0000

■ 182.2840, 39.3420,
-19.1700

■ 247.1340, 22.1490,
-21.4590

■ 155.5010, 37.2330,
-19.4950

■ 250.3260, 13.1610,
-12.7510

■ 129.0170, 35.7200,
-19.6080

■ 253.6320, 3.8520,
-3.7320

■ 103.4190, 34.5280,
-20.0320

■ 77.9520, 34.3450,
-22.2230

■ 56.7480, 26.4120,
-16.1160

■ 36.3590, 17.5620,

-9.9100

■ 16.8450, 7.5660,
-4.9620

■ 0.0000, 0.0000,
0.0000

■ 210.3550, 40.5800,
-19.5800

■ 210.3550, 40.5800,
-19.5800

■ 204.0970, 49.9340,
-23.9060

■ 216.6130, 31.2260,
-15.2540

■ 198.5400, 58.6920,
-28.4440

■ 222.1700, 22.4680,
-10.7160

■ 192.2820, 68.0460,
-32.7700

■ 228.4280, 13.1140,
-6.3900

■ 186.0240, 77.4000,
-37.0960

■ 234.6860, 3.7600,
-2.0640

■ 180.4670, 86.1580,
-41.6340

■ 240.3570, -5.3190,
2.7850

■ 177.1100, 91.4770,
-44.4190

■ 244.3350, -8.2530,
0.8910

■ 247.8570, -9.9030,
-2.2470

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



208.7730, 51.6270, -5.0210



210.3550, 40.5800, -19.5800



205.9100, 7.8000, -31.2400

Triad

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



210.3550, 40.5800, -19.5800



182.8730, -113.4250, -31.4170



215.2150, 19.7090, 33.7970

Complementary

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



210.3550, 40.5800, -19.5800



158.6450, -40.5800, 19.5800

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.



214.3210, -4.4970, 20.9350



210.3550, 40.5800, -19.5800



190.4250, -88.2560, -19.4880

Square

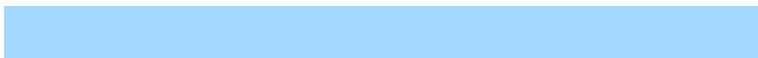
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.3550, 40.5800, -19.5800



190.5610, -77.6160, -36.1120



204.3000, -44.7030, 0.6810



207.1330, 34.1990, 24.4950

Rectangle

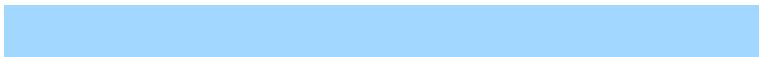
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.3550, 40.5800, -19.5800



202.3290, -18.4250, -35.0410



204.3000, -44.7030, 0.6810



218.0190, 17.3250, 32.9490

Sweetspot

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



210.3550, 40.5800, -19.5800



246.5420, 12.7930, -6.0790



166.3590, 54.2340, 30.3460



122.6710, 8.1160, -3.9160



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.



210.3550, 40.5800, -19.5800



220.8260, 52.1350, -25.2490



217.2560, 18.2090, -38.1670



114.5720, 4.0810, -2.3750



135.1250, 69.9260, -33.8020



40.2130, 20.9090, -9.9950

Inverse Universe

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



158.6450, -40.5800, 19.5800



154.1740, -52.1350, 25.2490



151.7440, -18.2090, 38.1670



108.4280, -4.0810, 2.3750



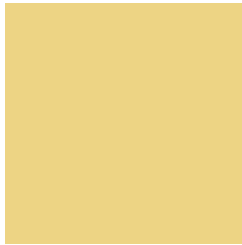
45.8750, -69.9260, 33.8020



13.7870, -20.9090, 9.9950

Previews

White Background



This preview shows how the YIQ color 210.3550, 40.5800, -19.5800 looks on a white background.

Color Contrast Check

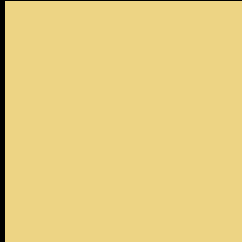
Large Text (above 18pt) WCAG AA × Fail

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 210.3550, 40.5800, -19.5800 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 210.3550, 40.5800, -19.5800

Background



This preview shows how black text looks on a background with the YIQ color 210.3550, 40.5800, -19.5800.



This preview shows how white text looks on a background with the YIQ color 210.3550, 40.5800, -19.5800.

-19.5800.

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

210.3550, 40.5800, -19.5800

Protanopia

209.8600, 37.6000, -20.6400

Deuteranopia

212.6540, 50.3440, -9.3040



Tritanopia

216.8660, 21.4090, 13.9930

Trichromacy



Original Color

210.3550, 40.5800, -19.5800

Protanomaly

210.1590, 38.1960, -20.4280

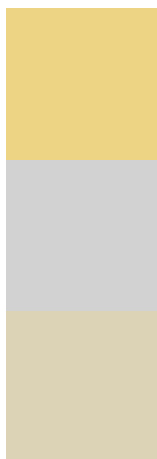
Deuteranomaly

211.9800, 46.3100, -13.2900

Tritanomaly

214.7830, 28.4720, 1.6240

Monochromacy



Original Color

210.3550, 40.5800, -19.5800

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.3850, 14.6730, -7.1110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.3550, 40.5800, -19.5800 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, 212, 132)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 132)  
}
```

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, 212, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 132) }
```

Border

The CSS property to change the border of an element to YIQ 210.3550, 40.5800, -19.5800 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, 212, 132) }
```


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

```
.border{ border-color:rgb(237, 212, 132) }
```

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

Here you see how a box with a 4 pixel rgb(237, 212, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 132);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 210.3550, 40.5800, -19.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 132) }
```

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

```
.background{ background-color: rgb(237,  
212, 132) }
```

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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