

Converting Colors

YIQ(195.1170, 55.2090,
-36.9110)

Have a look what the booklet for
YIQ(195.1170, 55.2090, -36.9110)
contains.

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Color

**YIQ(195.1170, 55.2090,
-36.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CC47
RGB	225, 204, 71
RGB Percent	88%, 80%, 28%
CMY	0.1177, 0.2000, 0.7212
CMYK	0.00, 0.09, 0.68, 0.12
HSL	52°, 72%, 58%
HSV	52°, 68%, 88%
XYZ	53.7794, 59.6436, 14.6529
YIQ	195.1170, 55.2090, -36.9110

Conversions

Conversions Part 2

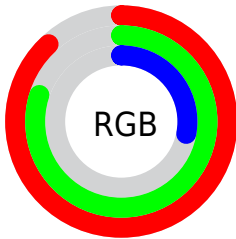
Format	Color
RYB	95, 225, 71
Decimal	14797895
CIELab	81.64, -7.33, 65.86
CIELCh	82, 66.267, 96.349
Yxy	59.6436, 0.4199, 0.4657
Android (android.graphics.Color)	4292987975 (0xFFE1CC47)
YUV	195.1170, -61.1897, 26.2074
Hunter-Lab	77.2292, -10.8509, 42.8112

Details

The YIQ color **195.1170, 55.2090, -36.9110** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **100.8830, -55.2090, 36.9110**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.2940, 41.4090, -40.1190**, and **137.6840, 57.6860, -43.2580** is the 20% darker color. If you saturate the color by 10%, you get **190.8480, 63.0960, -42.1840**, and if you desaturate by 10%, it is **199.5000, 47.0010, -31.3270**.

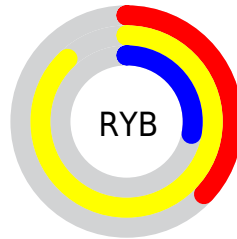
Distribution



Red (88%)

Green (80%)

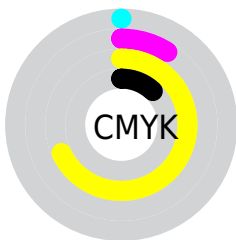
Blue (28%)



Red (37%)

Yellow (88%)

Blue (28%)

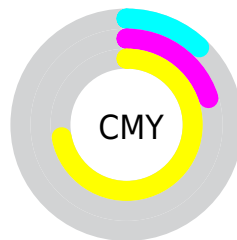


Cyan (0%)

Magenta (9%)

Yellow (68%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.1170, 55.2090, -36.9110 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 195.1170, 55.2090, -36.9110 by changing the saturation by 10% instead.

■ 195.1170, 55.2090,
-36.9110

■ 195.1170, 55.2090,
-36.9110

■ 255.0000, -0.0000,
-0.0000

■ 166.9920, 54.0630,
-38.1690

■ 240.2940, 41.4090,
-40.1190

■ 137.6840, 57.6860,
-43.2580

■ 243.4860, 32.4210,
-31.4110

■ 114.6370, 47.8730,
-36.1190

■ 246.6780, 23.4330,
-22.7030

■ 91.5900, 38.0600,
-28.9800

■ 249.9840, 14.1240,
-13.6840

■ 69.1300, 27.9720,
-22.3640

■ 253.2900, 4.8150,
-4.6650

■ 48.4420, 18.5260,
-16.3700

■ 28.6400, 9.4010,

-10.6870

■ 6.4570, -3.0250,
-5.7530

■ 0.0000, 0.0000,
0.0000

■ 195.1170, 55.2090,
-36.9110

■ 195.1170, 55.2090,
-36.9110

■ 190.8480, 63.0960,
-42.1840

■ 199.5000, 47.0010,
-31.3270

■ 186.4650, 71.3040,
-47.7680

■ 203.7690, 39.1140,
-26.0540

■ 182.1960, 79.1910,
-53.0410

■ 208.1520, 30.9060,
-20.4700

■ 181.1530, 80.7500,
-53.7620

■ 212.4210, 23.0190,
-15.1970

■ 216.8040, 14.8110,
-9.6130

■ 221.0730, 6.9240,
-4.3400

■ 225.4560, -1.2840,
1.2440

■ 230.3120, -9.4460,
5.9940

■ 232.5290,
-11.5550, 5.6690

Harmonies

Analogous

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



192.9970, 74.0030, -14.0690



195.1170, 55.2090, -36.9110



188.0380, 3.7230, -50.9730

Triad

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



195.1170, 55.2090, -36.9110



165.2540, -145.6550, -42.0310



197.3600, 27.2710, 50.9430

Complementary

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



195.1170, 55.2090, -36.9110



100.8830, -55.2090, 36.9110

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.



202.2930, 1.8740, 32.1300



195.1170, 55.2090, -36.9110



159.9710, -143.1800, -37.3240

Square

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



195.1170, 55.2090, -36.9110



161.8680, -133.3650, -55.5170



181.3980, -74.4580, -5.2260



184.4220, 49.9230, 36.8910

Rectangle

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



195.1170, 55.2090, -36.9110



178.6810, -43.6840, -56.3560



181.3980, -74.4580, -5.2260



201.5830, 25.0250, 47.5930

Sweetspot

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



195.1170, 55.2090, -36.9110



244.7350, 19.2590, -13.1330



119.6680, 84.4010, 39.8010



121.4170, 11.6470, -7.3370



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.



195.1170, 55.2090, -36.9110



214.1510, 75.0640, -49.8320



191.2980, 17.2500, -59.3420



110.1590, 3.8060, -2.8980



141.8480, 63.0960, -42.1840



39.0060, 17.0580, -11.7900

Inverse Universe

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



100.8830, -55.2090, 36.9110



86.2620, -74.7890, 50.3550



104.7020, -17.2500, 59.3420



103.4280, -4.0810, 2.3750



34.1520, -63.0960, 42.1840



9.5810, -17.3330, 11.2670

Previews

White Background



This preview shows how the YIQ color 195.1170, 55.2090, -36.9110 looks on a white background.

Color Contrast Check

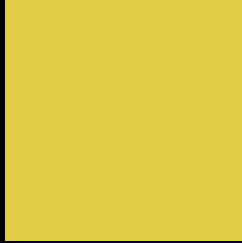
Large Text (above 18pt) WCAG AA × Fail

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 195.1170, 55.2090, -36.9110 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 195.1170, 55.2090, -36.9110

Background



This preview shows how black text looks on a background with the YIQ color 195.1170, 55.2090, -36.9110.



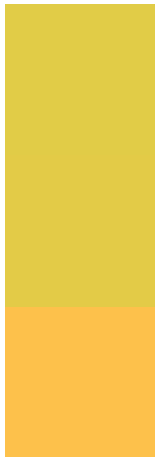
This preview shows how white text looks on a background with the YIQ color 195.1170, 55.2090,

-36.9110.

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

195.1170, 55.2090, -36.9110

Protanopia

195.1280, 56.6760, -35.9640

Deuteranopia

197.4880, 73.6380, -23.9780



Tritanopia

206.1650, 22.0050, 14.2050

Trichromacy



Original Color

195.1170, 55.2090, -36.9110

Protanomaly

194.8290, 56.0800, -36.1760

Deuteranomaly

196.7320, 66.8990, -28.5010

Tritanomaly

202.3180, 33.9750, -4.4970

Monochromacy



Original Color

195.1170, 55.2090, -36.9110

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.9200, 20.1760, -13.2320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.1170, 55.2090, -36.9110 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(225, 204, 71)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 71)  
}
```

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(225, 204, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 71) }
```

Border

The CSS property to change the border of an element to YIQ 195.1170, 55.2090, -36.9110 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(225, 204, 71) }
```


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

```
.border{ border-color:rgb(225, 204, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 204, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 204, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 204, 71);  
box-shadow:4px 4px 4px 4px rgb(225, 204,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 195.1170, 55.2090, -36.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 204, 71) }
```

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

```
.background{ background-color: rgb(225,  
204, 71) }
```

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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