

Converting Colors

YIQ(193.5500, 36.6780, 7.0940)

Have a look what the booklet for
YIQ(193.5500, 36.6780, 7.0940)
contains.

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Color

**YIQ(193.5500, 36.6780,
7.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B3A5
RGB	233, 179, 165
RGB Percent	91%, 70%, 65%
CMY	0.0862, 0.2981, 0.3528
CMYK	0.00, 0.23, 0.29, 0.09
HSL	12°, 61%, 78%
HSV	12°, 29%, 91%
XYZ	56.5250, 52.2779, 42.7278
YIQ	193.5500, 36.6780, 7.0940

Conversions

Conversions Part 2

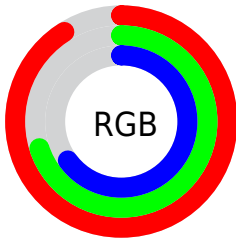
Format	Color
R _Y B	233, 183, 165
Decimal	15315877
CIE Lab	77.45, 17.68, 14.69
CIE LCh	77, 22.990, 39.717
Yxy	52.2779, 0.3730, 0.3450
Android (android.graphics.Color)	4293505957 (0xFFE9B3A5)
YUV	193.5500, -14.0752, 34.5976
Hunter-Lab	72.3035, 13.0155, 15.5750

Details

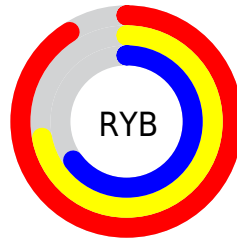
The YIQ color $193.5500, 36.6780, 7.0940$ is a light color, and the websafe version is hex $FFCCCC$. A complement of this color would be $204.4500, -36.6780, -7.0940$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $239.2700, 16.7350, -0.4250$, and $139.4680, 33.9730, 6.5570$ is the 20% darker color. If you saturate the color by 10%, you get $179.7750, 49.2860, 9.8780$, and if you desaturate by 10%, it is $207.3250, 24.0700, 4.3100$.

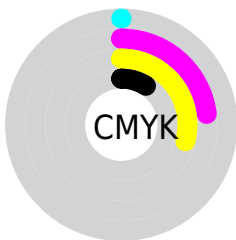
Distribution



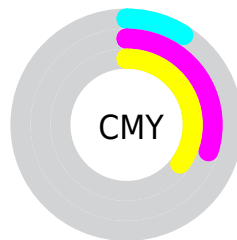
- Red (91%)
- Green (70%)
- Blue (65%)



- Red (91%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.5500, 36.6780, 7.0940 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 193.5500, 36.6780, 7.0940 by changing the saturation by 10% instead.


 193.5500, 36.6780,
7.0940


 193.5500, 36.6780,
7.0940


255.0000, -0.0000,
-0.0000


 166.0660, 35.1650,
6.9810


 239.2700, 16.7350,
-0.4250


 139.4680, 33.9730,
6.5570

 254.3160, 1.9260,
-1.8660

 113.9840, 32.4600,
6.4440

 89.0870, 30.6720,
5.8080

 65.3040, 28.5630,
5.4830

 42.6350, 26.1330,
5.4690

 19.9230, 25.2620,

4.7340

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 193.5500, 36.6780,
7.0940

■ 193.5500, 36.6780,
7.0940

■ 179.7750, 49.2860,
9.8780

■ 207.3250, 24.0700,
4.3100

■ 166.4730, 61.9400,
11.8280

■ 220.6270, 11.4160,
2.3600

■ 152.6980, 74.5480,
14.6120

■ 234.4020, -1.1920,
-0.4240

■ 139.5100, 86.8810,
16.8730

■ 247.2480,
-12.5620, -3.6180

■ 125.7350, 99.4890,
19.6570

■ 248.4220,
-13.1120, -4.6640

■ 112.4330,
112.1430, 21.6070

■ 98.6580, 124.7510,
24.3910

■ 97.8430, 125.6680,
24.2920

Harmonies

Analogous

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



194.6670, 32.2750, 15.3070



193.5500, 36.6780, 7.0940



192.0020, 32.0490, -2.6310

Triad

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



193.5500, 36.6780, 7.0940



184.3850, -20.8580, -18.4740



191.3030, -22.4220, 9.8820

Complementary

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



193.5500, 36.6780, 7.0940



204.4500, -36.6780, -7.0940

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.



187.1110, -39.7970, -0.1250



193.5500, 36.6780, 7.0940



182.9840, -38.6020, -16.2820

Square

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



193.5500, 36.6780, 7.0940



186.8620, -0.2720, -17.1040



183.1930, -46.2600, -9.6520



194.5400, -0.9200, 16.6800

Rectangle

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



193.5500, 36.6780, 7.0940



190.7080, 23.8890, -8.9350



183.1930, -46.2600, -9.6520



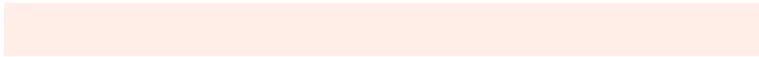
189.4870, -28.9320, 6.7160

Sweetspot

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



193.5500, 36.6780, 7.0940



241.8120, 12.3330, 2.2610



191.4880, 23.1940, 31.2100



119.2460, 8.1150, 1.6110



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.



193.5500, 36.6780, 7.0940



203.1770, 48.0940, 9.4540



213.5080, 27.3280, -10.6880



110.4630, 6.0060, 1.2860



75.8380, 97.7010, 19.0210



22.6030, 29.1590, 5.6950

Inverse Universe

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



204.4500, -36.6780, -7.0940



217.8230, -48.0940, -9.4540



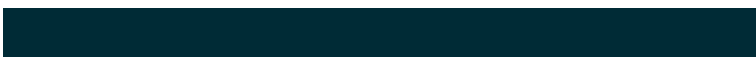
184.4920, -27.3280, 10.6880



112.5370, -6.0060, -1.2860



105.1620, -97.7010, -19.0210



31.3970, -29.1590, -5.6950

Previews

White Background



This preview shows how the YIQ color 193.5500, 36.6780, 7.0940 looks on a white background.

Color Contrast Check

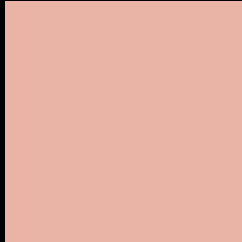
Large Text (above 18pt) WCAG AA × Fail

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 193.5500, 36.6780, 7.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

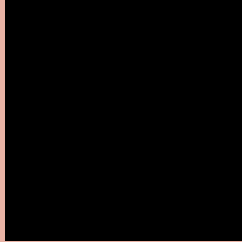
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.5500, 36.6780, 7.0940

Background



This preview shows how black text looks on a background with the YIQ color 193.5500, 36.6780, 7.0940.



This preview shows how white text looks on a background with the YIQ color 193.5500, 36.6780,

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

193.5500, 36.6780, 7.0940

Protanopia

191.4110, 11.7840, -4.3120

Deuteranopia

192.4840, 27.8760, 1.4120



Tritanopia

194.8350, 31.8620, 17.2860

Trichromacy



Original Color

193.5500, 36.6780, 7.0940

Protanomaly

192.4230, 20.6780, -0.2980

Deuteranomaly

192.8050, 31.4060, 3.5180

Tritanomaly

194.0970, 33.8800, 13.7520

Monochromacy



Original Color

193.5500, 36.6780, 7.0940

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.9970, 13.2500, 2.1620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.5500, 36.6780, 7.0940 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(233, 179, 165)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 165)  
}
```

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(233, 179, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 165) }
```

Border

The CSS property to change the border of an element to YIQ 193.5500, 36.6780, 7.0940 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(233, 179, 165) }
```


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

```
.border{ border-color:rgb(233, 179, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 165);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 193.5500, 36.6780, 7.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 165) }
```

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

```
.background{ background-color: rgb(233,  
179, 165) }
```

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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