

Converting Colors

YIQ(186.1420, 55.2020, 1.7780)

Have a look what the booklet for
YIQ(186.1420, 55.2020, 1.7780)
contains.

YIQ(186.1420, 55.2020, 1.7780)	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(186.1420, 55.2020,
1.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AA80
RGB	240, 170, 128
RGB Percent	94%, 67%, 50%
CMY	0.0587, 0.3334, 0.4978
CMYK	0.00, 0.29, 0.47, 0.06
HSL	22°, 79%, 72%
HSV	22°, 47%, 94%
XYZ	54.2170, 48.8301, 27.0118
YIQ	186.1420, 55.2020, 1.7780

Conversions

Conversions Part 2

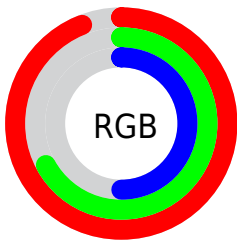
Format	Color
R _Y B	240, 195, 128
Decimal	15772288
CIE Lab	75.35, 20.94, 31.82
CIE LCh	75, 38.094, 56.656
Yxy	48.8301, 0.4169, 0.3754
Android (android.graphics.Color)	4293962368 (0xFFFF0AA80)
YUV	186.1420, -28.6640, 47.2335
Hunter-Lab	69.8785, 16.2063, 25.9962

Details

The YIQ color **186.1420, 55.2020, 1.7780** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **181.8580, -55.2020, -1.7780**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.9540, 32.0040, -7.3240**, and **132.2770, 50.3880, 0.9160** is the 20% darker color. If you saturate the color by 10%, you get **174.6010, 67.0310, 2.1590**, and if you desaturate by 10%, it is **197.6830, 43.3730, 1.3970**.

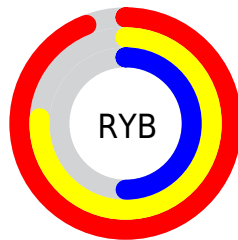
Distribution



Red (94%)

Green (67%)

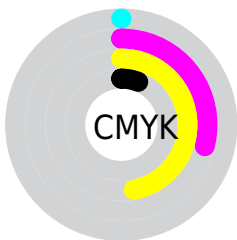
Blue (50%)



Red (94%)

Yellow (76%)

Blue (50%)

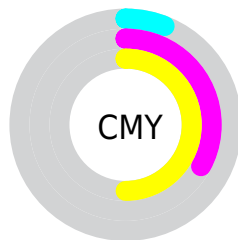


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (6%)



Cyan (6%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.1420, 55.2020, 1.7780 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 186.1420, 55.2020, 1.7780 by changing the saturation by 10% instead.

186.1420, 55.2020,
1.7780

186.1420, 55.2020,
1.7780

255.0000, -0.0000,
-0.0000

158.4730, 52.7720,
1.7640

228.9540, 32.0040,
-7.3240

132.2770, 50.3880,
0.9160

249.1690, 15.0410,
-13.7830

106.6080, 47.9580,
0.9020

252.9480, 5.7780,
-5.5980

81.5260, 45.2530,
0.3650

57.4440, 42.5480,
-0.1720

35.3170, 35.7160,
2.5000

14.6290, 26.2700,

8.4940

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 186.1420, 55.2020,
1.7780

■ 186.1420, 55.2020,
1.7780

■ 174.6010, 67.0310,
2.1590

■ 197.6830, 43.3730,
1.3970

■ 163.0600, 78.8600,
2.5400

■ 209.2240, 31.5440,
1.0160

■ 151.5190, 90.6890,
2.9210

■ 220.7650, 19.7150,
0.6350

■ 139.9780,
102.5180, 3.3020

■ 232.3060, 7.8860,
0.2540

■ 128.4370,
114.3470, 3.6830

■ 243.8470, -3.9430,
-0.1270

■ 124.5900,
118.2900, 3.8100

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



188.2370, 57.0330, 18.1610



186.1420, 55.2020, 1.7780



183.6310, 39.9830, -14.2650

Triad

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



186.1420, 55.2020, 1.7780



167.4770, -59.6440, -31.4200



187.7740, -18.8940, 23.0420

Complementary

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



186.1420, 55.2020, 1.7780



181.8580, -55.2020, -1.7780

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.



179.1710, -57.2210, 7.2830



186.1420, 55.2020, 1.7780



159.9200, -94.4440, -28.4920

Square

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



186.1420, 55.2020, 1.7780



175.2950, -21.0850, -30.8850



166.0430, -89.8160, -13.2400



190.6660, 16.8210, 31.0690

Rectangle

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



186.1420, 55.2020, 1.7780



181.3790, 22.8370, -22.9150



166.0430, -89.8160, -13.2400



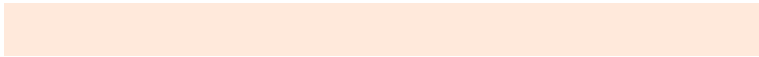
185.6090, -31.7310, 18.9010

Sweetspot

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



186.1420, 55.2020, 1.7780



237.9820, 17.6060, 0.3100



169.5820, 43.9610, 45.8250



117.2740, 10.9120, 0.4800



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.



186.1420, 55.2020, 1.7780



186.4550, 70.3780, 2.0740



218.4270, 40.0770, -26.9870



113.9360, 6.0520, 0.4520



95.5190, 90.6890, 2.9210



29.0710, 27.6010, 0.8890

Inverse Universe

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



181.8580, -55.2020, -1.7780



181.1320, -70.6530, -2.5970



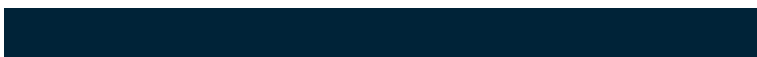
149.5730, -40.0770, 26.9870



113.4770, -5.7770, 0.0710



88.4810, -90.6890, -2.9210



26.9290, -27.6010, -0.8890

Previews

White Background



This preview shows how the YIQ color 186.1420, 55.2020, 1.7780 looks on a white background.

Color Contrast Check

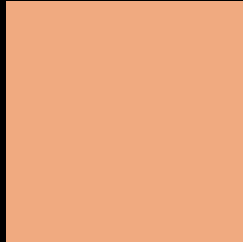
Large Text (above 18pt) WCAG AA × Fail

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 186.1420, 55.2020, 1.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

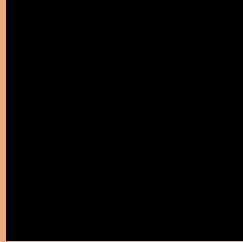
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.1420, 55.2020, 1.7780

Background



This preview shows how black text looks on a background with the YIQ color 186.1420, 55.2020, 1.7780.



This preview shows how white text looks on a background with the YIQ color 186.1420, 55.2020,

1.7780.

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

186.1420, 55.2020, 1.7780

Protanopia

184.3720, 24.7150, -12.8930

Deuteranopia

185.2280, 42.9160, -6.8440



Tritanopia

189.2880, 43.8280, 20.6920

Trichromacy



Original Color

186.1420, 55.2020, 1.7780

Protanomaly

184.9930, 36.2680, -7.5080

Deuteranomaly

185.6740, 47.5920, -3.4800

Tritanomaly

188.2250, 48.1390, 14.1470

Monochromacy



Original Color

186.1420, 55.2020, 1.7780

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.0640, 20.3110, 0.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.1420, 55.2020, 1.7780 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(240, 170, 128)` looks like.

```
.text, #text, p{  
    color:rgb(240, 170, 128)  
}
```

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(240, 170, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 170, 128) }
```

Border

The CSS property to change the border of an element to YIQ 186.1420, 55.2020, 1.7780 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(240, 170, 128) }
```


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

```
.border{ border-color:rgb(240, 170, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 170, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 170, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 170, 128);  
box-shadow:4px 4px 4px 4px rgb(240, 170,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 186.1420, 55.2020, 1.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 170, 128) }
```

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

```
.background{ background-color: rgb(240,  
170, 128) }
```

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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