

Converting Colors

YIQ(213.3090, 55.3890,
-18.1390)

Have a look what the booklet for
YIQ(213.3090, 55.3890, -18.1390)
contains.

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Color

**YIQ(213.3090, 55.3890,
-18.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD279
RGB	255, 210, 121
RGB Percent	100%, 82%, 47%
CMY	0.0000, 0.1765, 0.5252
CMYK	0.00, 0.18, 0.53, 0.00
HSL	40°, 100%, 74%
HSV	40°, 53%, 100%
XYZ	67.7376, 68.7260, 27.8081
YIQ	213.3090, 55.3890, -18.1390

Conversions

Conversions Part 2

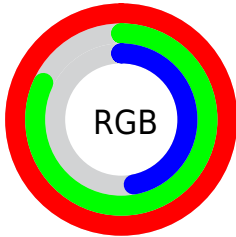
Format	Color
RYB	189, 255, 121
Decimal	16765561
CIELab	86.37, 5.37, 49.60
CIELCh	86, 49.895, 83.818
Yxy	68.7260, 0.4124, 0.4184
Android (android.graphics.Color)	4294955641 (0xFFFFD279)
YUV	213.3090, -45.5083, 36.5630
Hunter-Lab	82.9012, 0.7733, 38.1427

Details

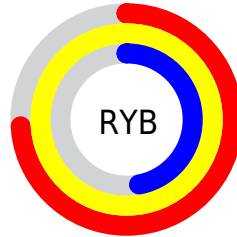
The YIQ color **213.3090, 55.3890, -18.1390** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **162.6910, -55.3890, 18.1390**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.8800, 25.6800, -24.8800**, and **158.0420, 51.7670, -18.5770** is the 20% darker color. If you saturate the color by 10%, you get **205.1760, 65.8890, -21.2070**, and if you desaturate by 10%, it is **221.5560, 44.5680, -14.7600**.

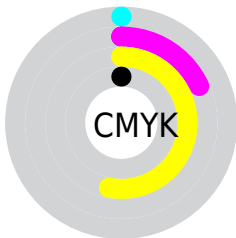
Distribution



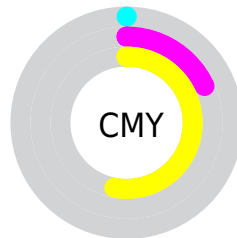
- Red (100%)
- Green (82%)
- Blue (47%)



- Red (74%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.3090, 55.3890, -18.1390 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 213.3090, 55.3890, -18.1390 by changing the saturation by 10% instead.

213.3090, 55.3890,
-18.1390

213.3090, 55.3890,
-18.1390

255.0000, -0.0000,
-0.0000

184.9390, 53.5550,
-17.9410

245.8800, 25.6800,
-24.8800

158.0420, 51.7670,
-18.5770

249.0720, 16.6920,
-16.1720

131.2590, 49.6580,
-18.9020

252.3780, 7.3830,
-7.1530

104.7210, 48.2370,
-20.6830

80.7360, 43.8810,
-18.8310

59.1620, 34.1140,
-12.5260

38.7620, 23.7970,

-7.2670

■ 19.8460, 14.9930,
-1.8950

■ 0.0000, 0.0000,
0.0000

■ 213.3090, 55.3890,
-18.1390

■ 213.3090, 55.3890,
-18.1390

■ 205.1760, 65.8890,
-21.2070

■ 221.5560, 44.5680,
-14.7600

■ 197.5160, 76.4350,
-25.1090

■ 229.1020, 34.3430,
-11.1690

■ 189.3830, 86.9350,
-28.1770

■ 237.3490, 23.5220,
-7.7900

■ 181.7230, 97.4810,
-32.0790

■ 244.8950, 13.2970,
-4.1990

175.4480,
105.5050, -34.3270

253.1420, 2.4760,
-0.8200

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



205.6100, 53.6440, -3.0280



213.3090, 55.3890, -18.1390



208.7450, 21.3260, -34.0820

Triad

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



213.3090, 55.3890, -18.1390



170.3090, -147.4880, -47.3600



216.8450, 17.8750, 33.9950

Complementary

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



213.3090, 55.3890, -18.1390



162.6910, -55.3890, 18.1390

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.



212.7600, -16.2790, 14.1930



213.3090, 55.3890, -18.1390



167.0150, -146.4800, -43.6000

Square

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



213.3090, 55.3890, -18.1390



188.6540, -82.6120, -44.6920



197.3350, -70.1470, -11.7710



207.3100, 29.5670, 31.3510

Rectangle

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



213.3090, 55.3890, -18.1390



204.2560, -8.1540, -39.4660



197.3350, -70.1470, -11.7710



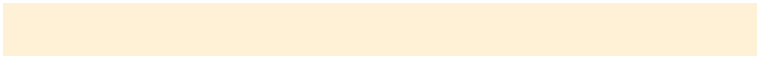
218.5730, 12.6490, 29.5850

Sweetspot

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



213.3090, 55.3890, -18.1390



242.1080, 17.0110, -5.4290



166.4240, 64.7770, 43.0250



119.8670, 10.5000, -3.0680



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.



213.3090, 55.3890, -18.1390



204.9480, 66.5310, -21.8290



233.7440, 31.0940, -45.9140



123.5830, 5.5480, -1.4280



131.6580, 78.9110, -25.9290



43.7900, 26.5940, -8.3980

Inverse Universe

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



162.6910, -55.3890, 18.1390



144.0520, -66.5310, 21.8290



142.2560, -31.0940, 45.9140



118.8300, -5.2730, 1.9510



59.3420, -78.9110, 25.9290



19.6230, -26.3190, 8.9210

Previews

White Background



This preview shows how the YIQ color 213.3090, 55.3890, -18.1390 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 213.3090, 55.3890, -18.1390 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 213.3090, 55.3890, -18.1390

Background



This preview shows how black text looks on a background with the YIQ color 213.3090, 55.3890, -18.1390.



This preview shows how white text looks on a background with the YIQ color 213.3090, 55.3890,

-18.1390.

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

213.3090, 55.3890, -18.1390

Protanopia

211.6770, 42.3690, -24.4710

Deuteranopia

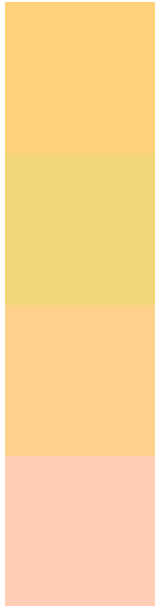
215.0990, 47.5930, -9.0070



Tritanopia

219.9160, 27.1400, 14.7560

Trichromacy



Original Color

213.3090, 55.3890, -18.1390

Protanomaly

212.4820, 47.4120, -22.2520

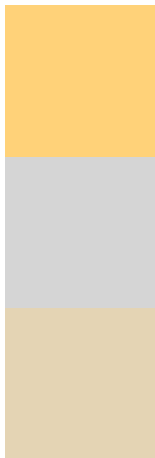
Deuteranomaly

214.6600, 50.2070, -12.3290

Tritanomaly

217.8010, 37.2290, 2.6130

Monochromacy



Original Color

213.3090, 55.3890, -18.1390

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1360, 19.8080, -6.5600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.3090, 55.3890, -18.1390 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(255, 210, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 121)  
}
```

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(255, 210, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 121) }
```

Border

The CSS property to change the border of an element to YIQ 213.3090, 55.3890, -18.1390 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(255, 210, 121) }
```


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

```
.border{ border-color:rgb(255, 210, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 213.3090, 55.3890, -18.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 121) }
```

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

```
.background{ background-color: rgb(255,  
210, 121) }
```

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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