

Converting Colors

YIQ(220.6250, 40.1200,
-11.2400)

Have a look what the booklet for
YIQ(220.6250, 40.1200, -11.2400)
contains.

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Color

**YIQ(220.6250, 40.1200,
-11.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD99D
RGB	252, 217, 157
RGB Percent	99%, 85%, 62%
CMY	0.0117, 0.1491, 0.3841
CMYK	0.00, 0.14, 0.38, 0.01
HSL	38°, 94%, 80%
HSV	38°, 38%, 99%
XYZ	71.0484, 72.7518, 42.2196
YIQ	220.6250, 40.1200, -11.2400

Conversions

Conversions Part 2

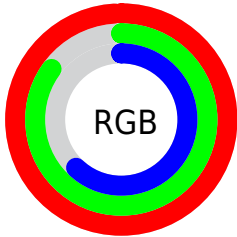
Format	Color
RYB	212, 252, 157
Decimal	16570781
CIELab	88.33, 4.08, 34.04
CIELCh	88, 34.280, 83.162
Yxy	72.7518, 0.3819, 0.3911
Android (android.graphics.Color)	4294760861 (0xFFFC99D)
YUV	220.6250, -31.3671, 27.5159
Hunter-Lab	85.2947, -0.5794, 30.3586

Details

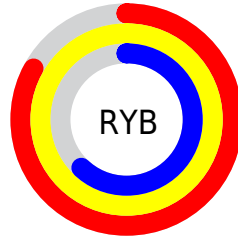
The YIQ color **220.6250, 40.1200, -11.2400** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **188.3750, -40.1200, 11.2400**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.0980, 13.8030, -13.3730**, and **165.0700, 37.3690, -10.9430** is the 20% darker color. If you saturate the color by 10%, you get **212.4920, 50.6200, -14.3080**, and if you desaturate by 10%, it is **228.7580, 29.6200, -8.1720**.

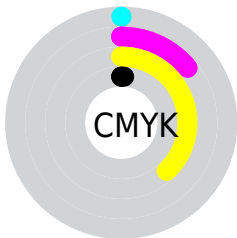
Distribution



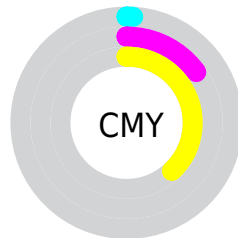
- Red (99%)
- Green (85%)
- Blue (62%)



- Red (83%)
- Yellow (99%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.6250, 40.1200, -11.2400 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 220.6250, 40.1200, -11.2400 by changing the saturation by 10% instead.


 220.6250, 40.1200,
-11.2400

 220.6250, 40.1200,
-11.2400


255.0000, -0.0000,
-0.0000


 192.5540, 38.8820,
-10.8300


 250.0980, 13.8030,
-13.3730


 165.0700, 37.3690,
-10.9430

 253.4040, 4.4940,
-4.3540

 138.5860, 35.8560,
-11.0560

 112.8030, 33.7470,
-11.3810

 88.3190, 32.2340,
-11.4940

 63.7210, 31.0420,
-11.9180

 42.8930, 24.8060,

-9.0340

■ 23.6780, 15.4060,
-3.8740

■ 0.0000, 0.0000,
0.0000

■ 220.6250, 40.1200,
-11.2400

■ 220.6250, 40.1200,
-11.2400

■ 212.4920, 50.6200,
-14.3080

■ 228.7580, 29.6200,
-8.1720

■ 203.7720, 61.3950,
-16.8530

■ 237.4780, 18.8450,
-5.6270

■ 195.5250, 72.2160,
-20.2320

■ 245.7250, 8.0240,
-2.2480

■ 187.3920, 82.7160,
-23.3000

■ 253.5160, -1.5130,
-0.1130

■ 179.2590, 93.2160, 254.1030, -1.7880,
-26.3680 -0.6360

■ 170.5390,
103.9910, -28.9130

■ 168.6810,
106.4670, -29.7330

Harmonies

Analogous

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



216.6610, 40.4390, -0.4970



220.6250, 40.1200, -11.2400



217.0840, 16.4180, -22.2220

Triad

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



220.6250, 40.1200, -11.2400



204.8150, -71.9790, -22.6270



225.6500, 13.7500, 26.1500

Complementary

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



220.6250, 40.1200, -11.2400



188.3750, -40.1200, 11.2400

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.



220.4460, -12.5190, 12.1290



220.6250, 40.1200, -11.2400



205.8850, -69.0000, -16.0400

Square

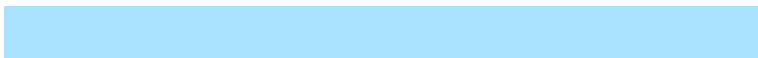
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.6250, 40.1200, -11.2400



207.9300, -47.6780, -28.0140



212.8500, -43.5560, -3.5880



218.6910, 23.7000, 22.0360

Rectangle

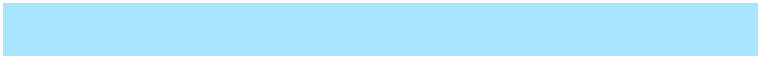
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.6250, 40.1200, -11.2400



214.4990, -3.9840, -26.9280



212.8500, -43.5560, -3.5880



224.1220, 6.3690, 22.2490

Sweetspot

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



220.6250, 40.1200, -11.2400



245.9380, 11.7380, -3.4780



189.5090, 45.0640, 31.3360



121.9530, 7.3820, -1.6260



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.



220.6250, 40.1200, -11.2400



217.2360, 48.4650, -13.7990



237.8810, 23.9390, -31.8770



120.5830, 5.5480, -1.4280



126.3640, 79.9190, -22.1690



41.1320, 25.6310, -7.4650

Inverse Universe

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



188.3750, -40.1200, 11.2400



178.3510, -48.7400, 13.2760



171.1190, -23.9390, 31.8770



116.4170, -5.5480, 1.4280



62.6360, -79.9190, 22.1690



20.4550, -25.9060, 6.9420

Previews

White Background



This preview shows how the YIQ color 220.6250, 40.1200, -11.2400 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 220.6250, 40.1200, -11.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

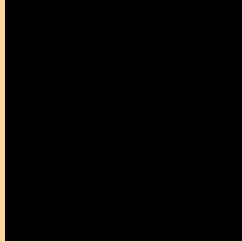
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.6250, 40.1200, -11.2400

Background



This preview shows how black text looks on a background with the YIQ color 220.6250, 40.1200, -11.2400.



This preview shows how white text looks on a background with the YIQ color 220.6250, 40.1200, -11.2400.

-11.2400.

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

220.6250, 40.1200, -11.2400

Protanopia

219.9010, 30.3550, -15.9890

Deuteranopia

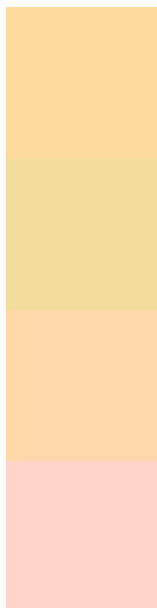
222.4000, 36.6800, -3.9600



Tritanopia

225.0510, 22.3260, 13.8940

Trichromacy



Original Color

220.6250, 40.1200, -11.2400

Protanomaly

220.1080, 34.2060, -14.1940

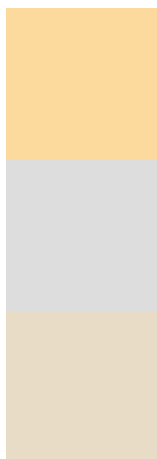
Deuteranomaly

221.8900, 38.0560, -6.8720

Tritanomaly

223.7770, 28.6090, 4.6490

Monochromacy



Original Color

220.6250, 40.1200, -11.2400

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0800, 14.2140, -4.2980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.6250, 40.1200, -11.2400 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(252, 217, 157)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 157)  
}
```

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(252, 217, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 157) }
```

Border

The CSS property to change the border of an element to YIQ 220.6250, 40.1200, -11.2400 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(252, 217, 157) }
```


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

```
.border{ border-color:rgb(252, 217, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 217, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 157);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 220.6250, 40.1200, -11.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 157) }
```

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

```
.background{ background-color: rgb(252,  
217, 157) }
```

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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