

Converting Colors

YIQ(222.5290, 40.0300,
-20.6260)

Have a look what the booklet for
YIQ(222.5290, 40.0300, -20.6260)
contains.

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Color

**YIQ(222.5290, 40.0300,
-20.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E18F
RGB	248, 225, 143
RGB Percent	97%, 88%, 56%
CMY	0.0274, 0.1177, 0.4390
CMYK	0.00, 0.09, 0.42, 0.03
HSL	47°, 88%, 77%
HSV	47°, 42%, 97%
XYZ	70.5965, 75.7866, 36.9166
YIQ	222.5290, 40.0300, -20.6260

Conversions

Conversions Part 2

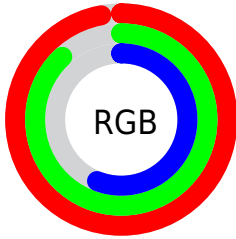
Format	Color
R _Y B	172, 248, 143
Decimal	16310671
CIE Lab	89.76, -3.05, 42.88
CIE LCh	90, 42.993, 94.069
Yxy	75.7866, 0.3851, 0.4135
Android (android.graphics.Color)	4294500751 (0xFF8E18F)
YUV	222.5290, -39.2078, 22.3381
Hunter-Lab	87.0555, -7.5949, 35.7965

Details

The YIQ color **222.5290, 40.0300, -20.6260** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **168.4710, -40.0300, 20.6260**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **248.5020, 18.2970, -17.7270**, and **166.9740, 37.2790, -20.3290** is the 20% darker color. If you saturate the color by 10%, you get **216.7440, 49.4300, -25.7860**, and if you desaturate by 10%, it is **228.3140, 30.6300, -15.4660**.

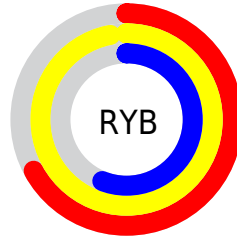
Distribution



Red (97%)

Green (88%)

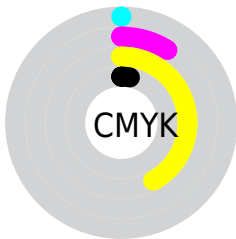
Blue (56%)



Red (67%)

Yellow (97%)

Blue (56%)

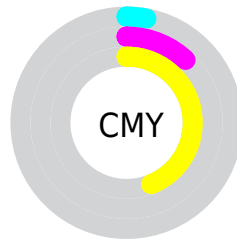


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (12%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.5290, 40.0300, -20.6260 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 222.5290, 40.0300, -20.6260 by changing the saturation by 10% instead.

222.5290, 40.0300,
-20.6260

222.5290, 40.0300,
-20.6260

255.0000, -0.0000,
-0.0000

194.4580, 38.7920,
-20.2160

248.5020, 18.2970,
-17.7270

166.9740, 37.2790,
-20.3290

251.6940, 9.3090,
-9.0190

140.4900, 35.7660,
-20.4420

114.0060, 34.2530,
-20.5550

88.8810, 33.1070,
-21.8130

65.3090, 29.0260,
-19.4380

44.9200, 20.1760,

-13.2320

■ 25.4170, 11.6470,
-7.3370

■ 0.0000, 0.0000,
0.0000

■ 222.5290, 40.0300,
-20.6260

■ 222.5290, 40.0300,
-20.6260

■ 216.7440, 49.4300,
-25.7860

■ 228.3140, 30.6300,
-15.4660

■ 210.3720, 59.1050,
-30.4230

■ 234.6860, 20.9550,
-10.8290

■ 204.7010, 68.1840,
-35.2720

■ 240.3570, 11.8760,
-5.9800

■ 198.3290, 77.8590,
-39.9090

■ 246.7290, 2.2010,
-1.3430

■ 192.5440, 87.2590,
-45.0690

■ 251.1460, -3.3470,
0.0850

■ 188.0300, 94.4580,
-48.8860

■ 252.9070, -4.1720,
-1.4840

Harmonies

Analogous

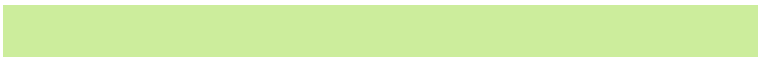
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.5440, 44.8420, -8.7100



222.5290, 40.0300, -20.6260



217.8990, 6.3330, -32.1870

Triad

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



222.5290, 40.0300, -20.6260



195.2990, -105.9970, -33.8770



222.7150, 15.1250, 28.7650

Complementary

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



222.5290, 40.0300, -20.6260



168.4710, -40.0300, 20.6260

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.



225.2630, 1.4180, 18.3620



222.5290, 40.0300, -20.6260



203.1390, -81.6990, -22.6830

Square

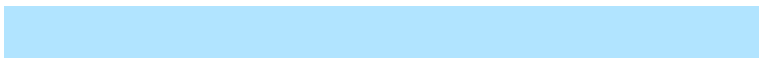
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.5290, 40.0300, -20.6260



202.8920, -80.0460, -36.1260



215.8290, -39.0630, -2.4150



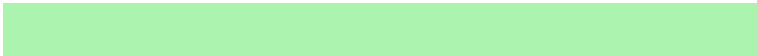
215.4310, 27.3680, 21.6400

Rectangle

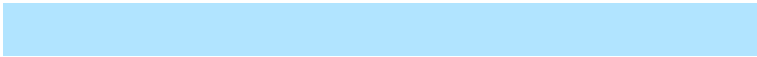
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.5290, 40.0300, -20.6260



214.1330, -20.8090, -35.8890



215.8290, -39.0630, -2.4150



225.0630, 14.0250, 26.6730

Sweetspot

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



222.5290, 40.0300, -20.6260



247.1290, 12.5180, -6.6020



177.2450, 54.5550, 30.0350



122.6710, 8.1160, -3.9160



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.



222.5290, 40.0300, -20.6260



223.1570, 49.7050, -25.2630



227.6580, 17.0170, -38.5910



121.7570, 4.9980, -2.4740



142.8000, 72.2190, -36.8130



46.4150, 23.1560, -12.1720

Inverse Universe

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



168.4710, -40.0300, 20.6260



156.2560, -49.4300, 25.7860



163.3420, -17.0170, 38.5910



115.2430, -4.9980, 2.4740



45.6130, -71.9440, 37.3360



14.5850, -23.1560, 12.1720

Previews

White Background



This preview shows how the YIQ color 222.5290, 40.0300, -20.6260 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 222.5290, 40.0300, -20.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

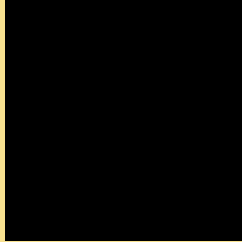
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.5290, 40.0300, -20.6260

Background



This preview shows how black text looks on a background with the YIQ color 222.5290, 40.0300, -20.6260.



This preview shows how white text looks on a background with the YIQ color 222.5290, 40.0300,

-20.6260.

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

222.5290, 40.0300, -20.6260

Protanopia

222.5180, 38.5630, -21.5730

Deuteranopia

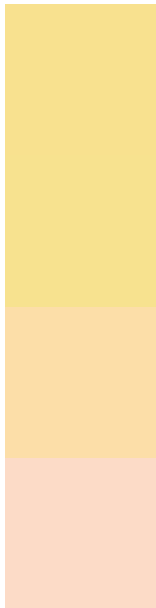
226.1330, 33.0580, -4.3980



Tritanopia

228.7840, 18.7040, 13.4560

Trichromacy



Original Color

222.5290, 40.0300, -20.6260

Protanomaly

222.8170, 39.1590, -21.3610

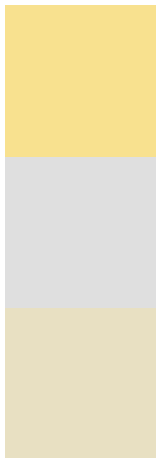
Deuteranomaly

224.8140, 35.2140, -10.4340

Tritanomaly

226.5870, 26.0880, 0.7760

Monochromacy



Original Color

222.5290, 40.0300, -20.6260

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.9720, 14.3980, -7.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.5290, 40.0300, -20.6260 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(248, 225, 143)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 143)  
}
```

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(248, 225, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 143) }
```

Border

The CSS property to change the border of an element to YIQ 222.5290, 40.0300, -20.6260 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(248, 225, 143) }
```


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

```
.border{ border-color:rgb(248, 225, 143) }
```

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

Here you see how a box with a 4 pixel rgb(248, 225, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 225, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 225, 143);  
box-shadow:4px 4px 4px 4px rgb(248, 225,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 222.5290, 40.0300, -20.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 143) }
```

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

```
.background{ background-color: rgb(248,  
225, 143) }
```

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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