

Converting Colors

YIQ(224.6520, 35.4900,
-15.4380)

Have a look what the booklet for
YIQ(224.6520, 35.4900, -15.4380)
contains.

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Color

**YIQ(224.6520, 35.4900,
-15.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E19F
RGB	249, 225, 159
RGB Percent	98%, 88%, 62%
CMY	0.0235, 0.1177, 0.3763
CMYK	0.00, 0.10, 0.36, 0.02
HSL	44°, 88%, 80%
HSV	44°, 36%, 98%
XYZ	72.2531, 76.4903, 43.7791
YIQ	224.6520, 35.4900, -15.4380

Conversions

Conversions Part 2

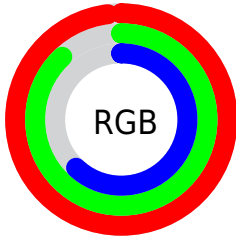
Format	Color
R _Y B	192, 249, 159
Decimal	16376223
CIE Lab	90.09, -0.94, 35.29
CIE LCh	90, 35.305, 91.530
Yxy	76.4903, 0.3753, 0.3973
Android (android.graphics.Color)	4294566303 (0xFF9E19F)
YUV	224.6520, -32.3664, 21.3532
Hunter-Lab	87.4587, -5.5869, 31.5424

Details

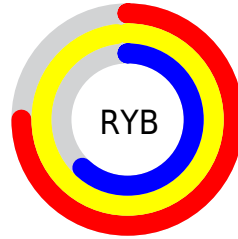
The YIQ color **224.6520, 35.4900, -15.4380** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **183.3480, -35.4900, 15.4380**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.3260, 13.1610, -12.7510**, and **169.0970, 32.7390, -15.1410** is the 20% darker color. If you saturate the color by 10%, you get **217.6930, 45.4400, -19.5520**, and if you desaturate by 10%, it is **231.6110, 25.5400, -11.3240**.

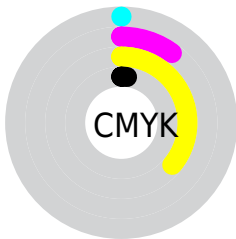
Distribution



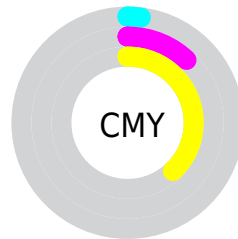
- Red (98%)
- Green (88%)
- Blue (62%)



- Red (75%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.6520, 35.4900, -15.4380 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 224.6520, 35.4900, -15.4380 by changing the saturation by 10% instead.

224.6520, 35.4900,
-15.4380

224.6520, 35.4900,
-15.4380

255.0000, -0.0000,
-0.0000

196.5810, 34.2520,
-15.0280

250.3260, 13.1610,
-12.7510

169.0970, 32.7390,
-15.1410

253.6320, 3.8520,
-3.7320

142.0260, 31.5010,
-14.7310

116.5420, 29.9880,
-14.8440

91.3570, 29.0710,
-14.7450

67.2320, 27.9250,
-16.0030

46.1160, 22.5600,

-12.3840

■ 26.3140, 13.4350,
-6.7010

■ 0.5870, -0.2750,
-0.5230

■ 224.6520, 35.4900,
-15.4380

■ 224.6520, 35.4900,
-15.4380

■ 217.6930, 45.4400,
-19.5520

■ 231.6110, 25.5400,
-11.3240

■ 211.3210, 55.1150,
-24.1890

■ 237.9830, 15.8650,
-6.6870

■ 204.3620, 65.0650,
-28.3030

■ 244.9420, 5.9150,
-2.5730

■ 197.4030, 75.0150,
-32.4170

■ 251.4450, -2.7510,
0.2970

■ 191.1450, 84.3690,
-36.7430

■ 253.2060, -3.5760,
-1.2720

■ 184.1860, 94.3190,
-40.8570

■ 181.8720, 98.0790,
-42.9210

Harmonies

Analogous

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



221.0150, 39.2020, -5.6140



224.6520, 35.4900, -15.4380



220.7840, 8.3950, -25.5010

Triad

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



224.6520, 35.4900, -15.4380



208.4770, -76.8390, -22.6550



226.8240, 13.2000, 25.1040

Complementary

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



224.6520, 35.4900, -15.4380



183.3480, -35.4900, 15.4380

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.



226.4150, -2.0660, 15.4220



224.6520, 35.4900, -15.4380



211.5220, -63.5440, -15.8000

Square

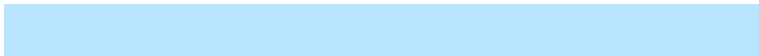
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.6520, 35.4900, -15.4380



210.9550, -57.9940, -28.2820



219.1070, -33.9740, -1.0300



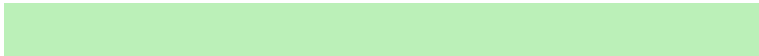
220.5830, 23.8840, 18.7000

Rectangle

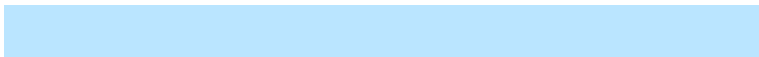
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.6520, 35.4900, -15.4380



217.7690, -13.6120, -28.6520



219.1070, -33.9740, -1.0300



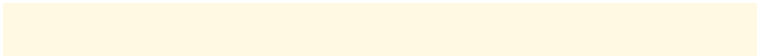
228.5850, 12.3750, 23.5350

Sweetspot

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



224.6520, 35.4900, -15.4380



247.6990, 10.9130, -5.0470



188.8740, 45.2940, 27.1660



123.1270, 6.8320, -2.6720



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.



224.6520, 35.4900, -15.4380



225.4370, 43.2850, -19.0430



233.0590, 17.5660, -32.0180



121.7570, 4.9980, -2.4740



137.5170, 74.6940, -32.1060



44.6540, 23.9810, -10.6030

Inverse Universe

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



183.3480, -35.4900, 15.4380



175.1500, -43.5600, 18.5200



175.2400, -16.9700, 32.2300



115.8300, -5.2730, 1.9510



50.8960, -74.4190, 32.6290



16.3460, -23.9810, 10.6030

Previews

White Background



This preview shows how the YIQ color 224.6520, 35.4900, -15.4380 looks on a white background.

Color Contrast Check

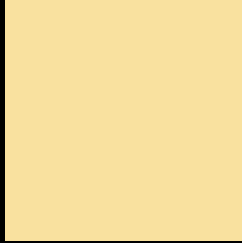
Large Text (above 18pt) WCAG AA × Fail

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 224.6520, 35.4900, -15.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

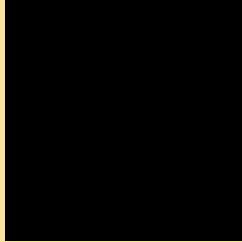
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.6520, 35.4900, -15.4380

Background



This preview shows how black text looks on a background with the YIQ color 224.6520, 35.4900, -15.4380.



This preview shows how white text looks on a background with the YIQ color 224.6520, 35.4900, -15.4380.

-15.4380.

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

224.6520, 35.4900, -15.4380

Protanopia

224.7440, 32.2350, -17.0210

Deuteranopia

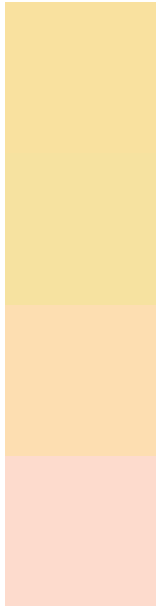
227.4040, 30.8570, -3.0550



Tritanopia

229.4850, 18.1080, 13.2440

Trichromacy



Original Color

224.6520, 35.4900, -15.4380

Protanomaly

224.4560, 33.1060, -16.2860

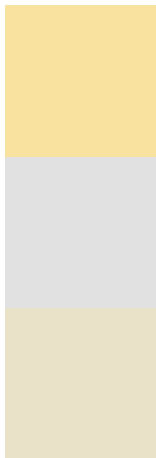
Deuteranomaly

226.1390, 32.9210, -7.4230

Tritanomaly

227.5700, 24.7580, 2.8540

Monochromacy



Original Color

224.6520, 35.4900, -15.4380

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.9550, 13.0680, -5.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.6520, 35.4900, -15.4380 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(249, 225, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 159)  
}
```

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(249, 225, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 159) }
```

Border

The CSS property to change the border of an element to YIQ 224.6520, 35.4900, -15.4380 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(249, 225, 159) }
```


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

```
.border{ border-color:rgb(249, 225, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 224.6520, 35.4900, -15.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 159) }
```

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

```
.background{ background-color: rgb(249,  
225, 159) }
```

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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