

Converting Colors

YIQ(214.6490, 13.2090,
-24.6390)

Have a look what the booklet for
YIQ(214.6490, 13.2090, -24.6390)
contains.

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Color

**YIQ(214.6490, 13.2090,
-24.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E39E
RGB	212, 227, 158
RGB Percent	83%, 89%, 62%
CMY	0.1687, 0.1098, 0.3803
CMYK	0.07, 0.00, 0.30, 0.11
HSL	73°, 55%, 75%
HSV	73°, 30%, 89%
XYZ	60.7902, 71.4051, 42.9385
YIQ	214.6490, 13.2090, -24.6390

Conversions

Conversions Part 2

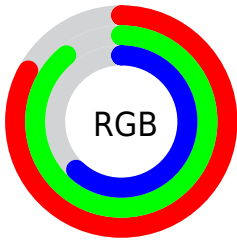
Format	Color
RYB	158, 227, 173
Decimal	13951902
CIELab	87.68, -16.11, 32.10
CIELCh	88, 35.913, 116.653
Yxy	71.4051, 0.3471, 0.4077
Android (android.graphics.Color)	4292141982 (0xFFD4E39E)
YUV	214.6490, -27.9280, -2.3232
Hunter-Lab	84.5016, -19.4652, 29.0235

Details

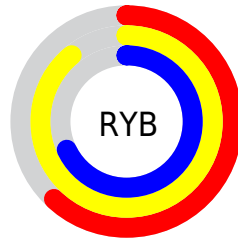
The YIQ color $214.6490, 13.2090, -24.6390$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $170.3510, -13.2090, 24.6390$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.2120, 13.4820, -13.0620$, and $159.9910, 12.2460, -23.7060$ is the 20% darker color. If you saturate the color by 10%, you get $210.5320, 17.6120, -32.8520$, and if you desaturate by 10%, it is $218.7660, 8.8060, -16.4260$.

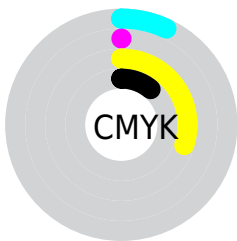
Distribution



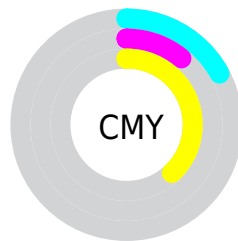
- Red (83%)
- Green (89%)
- Blue (62%)



- Red (62%)
- Yellow (89%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.6490, 13.2090, -24.6390 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 214.6490, 13.2090, -24.6390 by changing the saturation by 10% instead.

■ 214.6490, 13.2090,
-24.6390

■ 214.6490, 13.2090,
-24.6390

255.0000, -0.0000,
-0.0000

■ 186.8770, 12.5670,
-24.0170

■ 250.2120, 13.4820,
-13.0620

■ 159.9910, 12.2460,
-23.7060

■ 253.5180, 4.1730,
-4.0430

■ 133.2190, 11.6040,
-23.0840

■ 107.4470, 10.9620,
-22.4620

■ 83.2620, 10.0450,
-22.3630

■ 59.1480, 10.3660,
-22.6740

■ 38.0430, 6.4680,

-18.1080

■ 16.7350, -7.1040,
-14.4320

■ 0.0000, 0.0000,
0.0000

■ 214.6490, 13.2090,
-24.6390

■ 214.6490, 13.2090,
-24.6390

■ 210.5320, 17.6120,
-32.8520

■ 218.7660, 8.8060,
-16.4260

■ 206.5290, 21.6940,
-40.7540

■ 222.7690, 4.7240,
-8.5240

■ 202.4120, 26.0970,
-48.9670

■ 226.8860, 0.3210,
-0.3110

■ 198.2950, 30.5000,
-57.1800

■ 231.0030, -4.0820,
7.9020

■ 194.2920, 34.5820,
-65.0820

■ 233.1820, -3.0280,
10.8280

■ 190.1750, 38.9850,
-73.2950

■ 234.6770, -0.0480,
11.8880

■ 186.4710, 43.6630,
-80.9850

■ 236.1720, 2.9320,
12.9480

■ 237.6670, 5.9120,
14.0080

■ 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



218.2720, 39.6160, -13.1200



214.6490, 13.2090, -24.6390



210.0070, -20.2140, -30.1500

Triad

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



214.6490, 13.2090, -24.6390



203.2160, -71.4300, -16.0540



216.3600, 26.1300, 22.0500

Complementary

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



214.6490, 13.2090, -24.6390



170.3510, -13.2090, 24.6390

Split Complementary

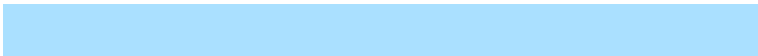
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3020, 14.8500, 28.2420



214.6490, 13.2090, -24.6390



211.3880, -42.1350, -1.8070

Square

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



214.6490, 13.2090, -24.6390



201.2810, -79.2230, -23.5030



219.2940, -9.0350, 15.0690



213.0710, 36.7690, 10.9530

Rectangle

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



214.6490, 13.2090, -24.6390



206.5020, -43.5970, -30.3890



219.2940, -9.0350, 15.0690



218.3150, 22.0030, 25.2590

Sweetspot

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



214.6490, 13.2090, -24.6390



250.8830, 4.4030, -8.2130



187.4360, 36.9990, 6.7830



125.0940, 2.4310, -5.5130



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.



214.6490, 13.2090, -24.6390



238.5320, 17.6120, -32.8520



204.4830, -7.0550, -31.8470



112.7350, 2.0640, -4.3680



146.9330, 34.2150, -63.9370



41.8970, 9.8150, -18.1930

Inverse Universe

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



170.3510, -13.2090, 24.6390



179.4680, -17.6120, 32.8520



180.5170, 7.0550, 31.8470



105.2650, -2.0640, 4.3680



32.0670, -34.2150, 63.9370



9.1030, -9.8150, 18.1930

Previews

White Background



This preview shows how the YIQ color 214.6490, 13.2090, -24.6390 looks on a white background.

Color Contrast Check

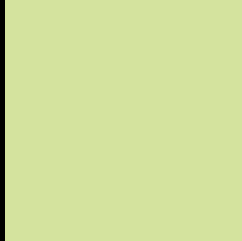
Large Text (above 18pt) WCAG AA × Fail

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 214.6490, 13.2090, -24.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

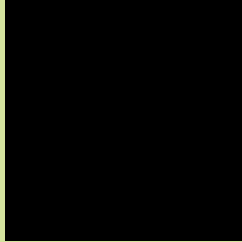
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

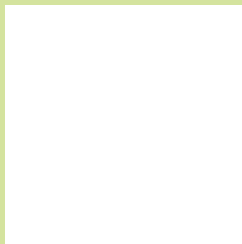
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.6490, 13.2090, -24.6390

Background



This preview shows how black text looks on a background with the YIQ color 214.6490, 13.2090, -24.6390.



This preview shows how white text looks on a background with the YIQ color 214.6490, 13.2090, -24.6390.

-24.6390.

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

214.6490, 13.2090, -24.6390

Protanopia

217.0860, 31.2720, -16.0880

Deuteranopia

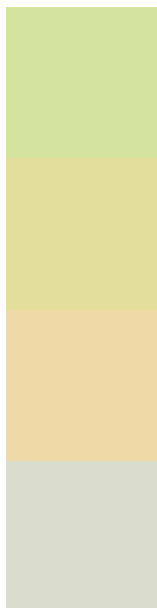
220.0690, 39.1100, -3.9460



Tritanopia

220.4330, -2.4770, 6.3470

Trichromacy



Original Color

214.6490, 13.2090, -24.6390

Protanomaly

216.2700, 24.7620, -19.2540

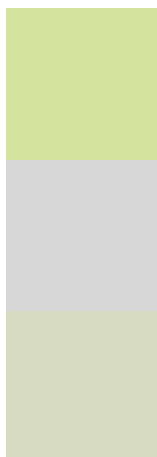
Deuteranomaly

217.7640, 29.4830, -11.1970

Tritanomaly

218.3930, 3.0270, -5.3010

Monochromacy



Original Color

214.6490, 13.2090, -24.6390

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.6550, 5.0450, -8.8350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.6490, 13.2090, -24.6390 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(212, 227, 158)` looks like.

```
.text, #text, p{  
    color:rgb(212, 227, 158)  
}
```

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(212, 227, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 227, 158) }
```

Border

The CSS property to change the border of an element to YIQ 214.6490, 13.2090, -24.6390 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(212, 227, 158) }
```


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

```
.border{ border-color:rgb(212, 227, 158) }
```

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

Here you see how a box with a 4 pixel rgb(212, 227, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 227, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 227, 158);  
box-shadow:4px 4px 4px 4px rgb(212, 227,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 214.6490, 13.2090, -24.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 227, 158) }
```

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

```
.background{ background-color: rgb(212,  
227, 158) }
```

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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