

Converting Colors

YIQ(212.4100, 21.5520,
-16.1440)

Have a look what the booklet for
YIQ(212.4100, 21.5520, -16.1440)
contains.

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Color

**YIQ(212.4100, 21.5520,
-16.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD9A1
RGB	223, 217, 161
RGB Percent	87%, 85%, 63%
CMY	0.1255, 0.1490, 0.3685
CMYK	0.00, 0.03, 0.28, 0.13
HSL	54°, 49%, 75%
HSV	54°, 28%, 87%
XYZ	61.6779, 67.8858, 43.5859
YIQ	212.4100, 21.5520, -16.1440

Conversions

Conversions Part 2

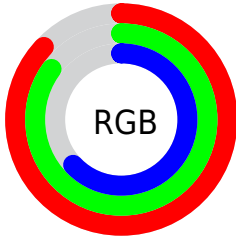
Format	Color
RYB	168, 223, 161
Decimal	14670241
CIELab	85.95, -6.56, 28.38
CIELCh	86, 29.124, 103.012
Yxy	67.8858, 0.3562, 0.3921
Android (android.graphics.Color)	4292860321 (0xFFDFD9A1)
YUV	212.4100, -25.3451, 9.2874
Hunter-Lab	82.3929, -10.5654, 26.3105

Details

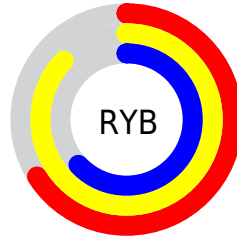
The YIQ color $212.4100, 21.5520, -16.1440$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $171.5900, -21.5520, 16.1440$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, 12.5190, -12.1290$, and $157.4530, 19.9930, -15.4230$ is the 20% darker color. If you saturate the color by 10%, you get $208.7280, 29.1640, -21.9400$, and if you desaturate by 10%, it is $216.0920, 13.9400, -10.3480$.

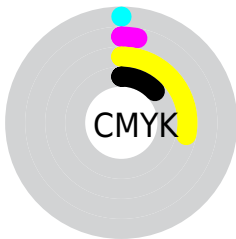
Distribution



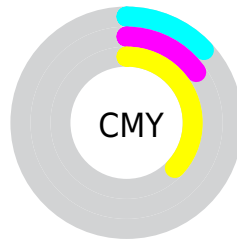
- Red (87%)
- Green (85%)
- Blue (63%)



- Red (66%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (3%)
- Yellow (28%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.4100, 21.5520, -16.1440 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 212.4100, 21.5520, -16.1440 by changing the saturation by 10% instead.

■ 212.4100, 21.5520,
-16.1440

■ 212.4100, 21.5520,
-16.1440

■ 255.0000, -0.0000,
-0.0000

■ 184.6380, 20.9100,
-15.5220

■ 250.5540, 12.5190,
-12.1290

■ 157.4530, 19.9930,
-15.4230

■ 253.8600, 3.2100,
-3.1100

■ 131.2680, 19.0760,
-15.3240

■ 106.0830, 18.1590,
-15.2250

■ 81.4250, 17.1960,
-14.2920

■ 57.8270, 16.0040,
-14.7160

■ 36.6250, 13.7570,

-12.5390

■ 17.3990, 2.8900,
-8.3260

■ 0.0000, 0.0000,
0.0000

■ 212.4100, 21.5520,
-16.1440

■ 212.4100, 21.5520,
-16.1440

■ 208.7280, 29.1640,
-21.9400

■ 216.0920, 13.9400,
-10.3480

■ 204.9320, 37.0970,
-28.0470

■ 219.8880, 6.0070,
-4.2410

■ 201.2500, 44.7090,
-33.8430

■ 223.5700, -1.6050,
1.5550

■ 196.9810, 52.5960,
-39.1160

■ 227.8390, -9.4920,
6.8280

■ 193.2990, 60.2080,
-44.9120

■ 229.5830,
-11.6470, 7.3370

■ 189.5030, 68.1410,
-51.0190

■ 230.7570,
-12.1970, 6.2910

■ 185.8210, 75.7530,
-56.8150

■ 231.9310,
-12.7470, 5.2450

■ 184.6640, 77.6330,
-57.8470

■ 233.1050,
-13.2970, 4.1990

■ 234.2790,
-13.8470, 3.1530

Harmonies

Analogous

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



215.1290, 38.8810, -5.3030



212.4100, 21.5520, -16.1440



209.3190, -3.2970, -22.8570

Triad

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



212.4100, 21.5520, -16.1440



203.5270, -61.9400, -11.8280



218.3320, 23.3330, 23.1810

Complementary

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



212.4100, 21.5520, -16.1440



171.5900, -21.5520, 16.1440

Split Complementary

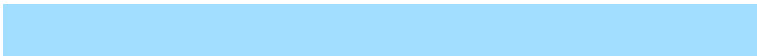
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.7840, 1.5090, 22.2210



212.4100, 21.5520, -16.1440



207.5230, -46.9490, -2.6690

Square

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



212.4100, 21.5520, -16.1440



202.9220, -53.2270, -21.0590



213.3030, -22.4220, 9.8820



213.9660, 32.8710, 15.5190

Rectangle

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



212.4100, 21.5520, -16.1440



206.5110, -21.4530, -24.2130



213.3030, -22.4220, 9.8820



219.8200, 19.0230, 24.1990

Sweetspot

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



212.4100, 21.5520, -16.1440



251.5460, 6.9700, -5.1740



180.2220, 35.0260, 15.0100



125.3440, 4.7230, -2.9970



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.



212.4100, 21.5520, -16.1440



240.7280, 29.1640, -21.9400



208.4570, 5.0020, -24.5820



110.1590, 3.8060, -2.8980



145.9570, 61.1710, -45.8450



40.1800, 16.5080, -12.8360

Inverse Universe

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



171.5900, -21.5520, 16.1440



185.2720, -29.1640, 21.9400



175.5430, -5.0020, 24.5820



102.8410, -3.8060, 2.8980



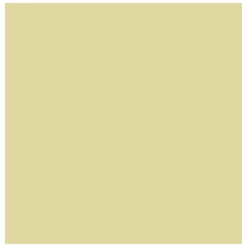
30.0430, -61.1710, 45.8450



8.4070, -16.7830, 12.3130

Previews

White Background



This preview shows how the YIQ color 212.4100, 21.5520, -16.1440 looks on a white background.

Color Contrast Check

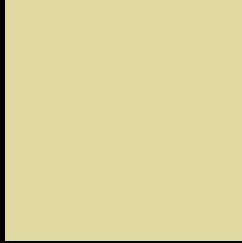
Large Text (above 18pt) WCAG AA × Fail

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 212.4100, 21.5520, -16.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

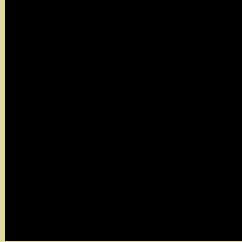
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

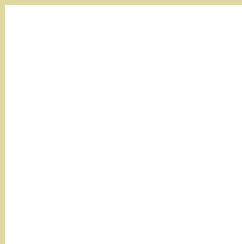
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.4100, 21.5520, -16.1440

Background



This preview shows how black text looks on a background with the YIQ color 212.4100, 21.5520, -16.1440.



This preview shows how white text looks on a background with the YIQ color 212.4100, 21.5520,

-16.1440.

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

212.4100, 21.5520, -16.1440

Protanopia

213.2150, 26.5950, -13.9250

Deuteranopia

215.1510, 41.8150, -3.4090



Tritanopia

217.4020, 7.9760, 9.6400

Trichromacy



Original Color

212.4100, 21.5520, -16.1440

Protanomaly

212.9050, 24.5320, -15.0840

Deuteranomaly

214.0960, 34.4800, -8.1440

Tritanomaly

215.6440, 12.7460, 0.2820

Monochromacy



Original Color

212.4100, 21.5520, -16.1440

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2040, 7.9330, -6.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.4100, 21.5520, -16.1440 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(223, 217, 161)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 161)  
}
```

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(223, 217, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 161) }
```

Border

The CSS property to change the border of an element to YIQ 212.4100, 21.5520, -16.1440 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(223, 217, 161) }
```


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

```
.border{ border-color:rgb(223, 217, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 217, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 217, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 217, 161); box-shadow:4px 4px 4px 4px rgb(223, 217, 161) }
```

Background

The CSS property to change the background color of an element to YIQ 212.4100, 21.5520, -16.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 161) }
```

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

```
.background{ background-color: rgb(223,  
217, 161) }
```

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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