

Converting Colors

YIQ(221.6400, -43.3250,
-13.2850)

Have a look what the booklet for
YIQ(221.6400, -43.3250, -13.2850)
contains.

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Color

**YIQ(221.6400, -43.3250,
-13.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF2F7
RGB	172, 242, 247
RGB Percent	67%, 95%, 97%
CMY	0.3256, 0.0508, 0.0315
CMYK	0.30, 0.02, 0.00, 0.03
HSL	184°, 82%, 82%
HSV	184°, 30%, 97%
XYZ	65.5466, 79.0004, 99.7533
YIQ	221.6400, -43.3250, -13.2850

Conversions

Conversions Part 2

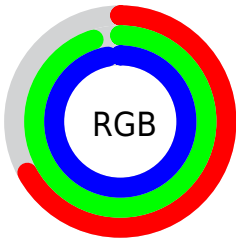
Format	Color
R _Y B	172, 208, 247
Decimal	11334391
CIE Lab	91.23, -20.47, -9.36
CIE LCh	91, 22.508, 204.570
Yxy	79.0004, 0.2683, 0.3234
Android (android.graphics.Color)	4289524471 (0xFFACF2F7)
YUV	221.6400, 12.5025, -43.5343
Hunter-Lab	88.8821, -23.9080, -4.3243

Details

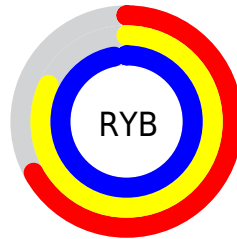
The YIQ color **221.6400, -43.3250, -13.2850** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.3600, 43.3250, 13.2850**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2260, -15.4960, -5.5120**, and **165.9390, -42.7290, -13.0730** is the 20% darker color. If you saturate the color by 10%, you get **212.9910, -57.6750, -17.5390**, and if you desaturate by 10%, it is **230.2890, -28.9750, -9.0310**.

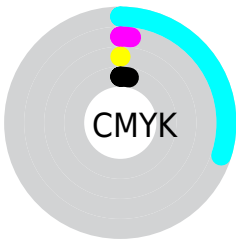
Distribution



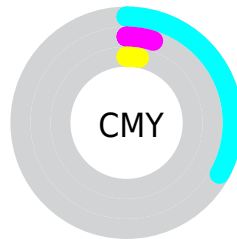
- Red (67%)
- Green (95%)
- Blue (97%)



- Red (67%)
- Yellow (82%)
- Blue (97%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (33%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.6400, -43.3250, -13.2850 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 221.6400, -43.3250, -13.2850 by changing the saturation by 10% instead.

■ 221.6400,
-43.3250, -13.2850

■ 221.6400,
-43.3250, -13.2850

255.0000, -0.0000,
-0.0000

■ 193.5260,
-43.0040, -13.5960

■ 247.2260,
-15.4960, -5.5120

■ 165.9390,
-42.7290, -13.0730

■ 138.9390,
-42.7290, -13.0730

■ 111.6400,
-43.3250, -13.2850

■ 85.4440, -45.7090,
-14.1330

■ 58.7530, -51.0730,
-16.0410

■ 41.9290, -36.7690,

-10.9530

■ 26.5070, -23.6570,
-6.2890

■ 8.3780, -9.8120,
1.6120

■ 221.6400,
-43.3250, -13.2850

■ 221.6400,
-43.3250, -13.2850

■ 212.9910,
-57.6750, -17.5390

■ 230.2890,
-28.9750, -9.0310

■ 205.2280,
-71.7040, -22.1040

■ 238.0520,
-14.9460, -4.4660

■ 196.5790,
-86.0540, -26.3580

■ 246.7010, -0.5960,
-0.2120

■ 188.5170,
-100.6790, -31.1350

■ 250.5660, 4.2180,
0.6500

■ 179.8680,
-115.0290, -35.3890

■ 251.1530, 3.9430,
0.1270

■ 171.5180,
-128.7830, -39.4310

■ 252.3270, 3.3930,
-0.9190

■ 163.7550,
-142.8120, -43.9960

■ 252.9140, 3.1180,
-1.4420

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



222.1220, -30.3030, -18.0070



221.6400, -43.3250, -13.2850



222.8840, -40.8960, -7.7440

Triad

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



221.6400, -43.3250, -13.2850



233.5690, 9.3040, 18.6160



229.6160, 27.1440, -7.3520

Complementary

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



221.6400, -43.3250, -13.2850



197.3600, 43.3250, 13.2850

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.



227.7290, 28.5640, -0.0440



221.6400, -43.3250, -13.2850



229.2400, 17.4200, 14.7000

Square

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



221.6400, -43.3250, -13.2850



230.2030, -7.5210, 9.6550



227.3190, 24.2070, 7.3350



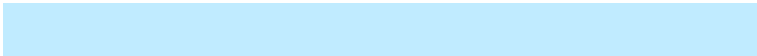
227.1900, 10.5480, -14.9560

Rectangle

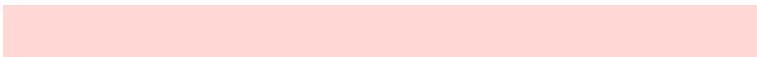
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.6400, -43.3250, -13.2850



224.4230, -32.0480, -2.8960



227.3190, 24.2070, 7.3350



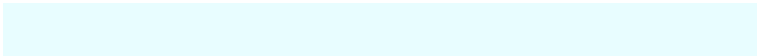
229.8660, 29.4360, -4.8360

Sweetspot

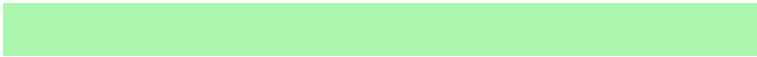
The Sweet Spot groups the original color and five complimentary colors.



221.6400, -43.3250, -13.2850



246.9490, -13.1580, -3.8300



216.4810, -21.9090, -37.9810



122.9280, -8.6650, -2.6570



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.



221.6400, -43.3250, -13.2850



223.9700, -53.1820, -16.3660



200.5080, -33.4250, 5.5430



118.4120, -7.1520, -2.5440



123.3420, -107.5560, -33.1560



39.0110, -34.0640, -10.4160

Inverse Universe

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



202.4050, 22.2300, 37.6700



200.3120, 27.2260, 46.2500



218.4920, 33.4250, -5.5430



114.9560, 3.3000, 6.2760



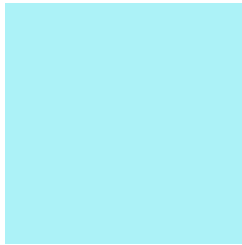
75.4500, 55.0020, 93.5460



23.9110, 17.5090, 29.6130

Previews

White Background



This preview shows how the YIQ color 221.6400, -43.3250, -13.2850 looks on a white background.

Color Contrast Check

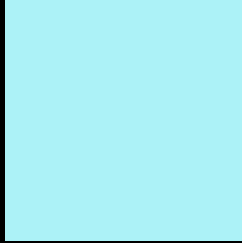
Large Text (above 18pt) WCAG AA × Fail

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 221.6400, -43.3250, -13.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

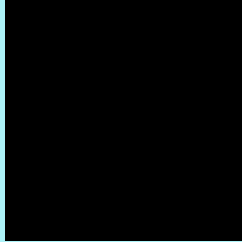
Any Text WCAG AA ✓ Pass

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 221.6400, -43.3250, -13.2850 Background



This preview shows how black text looks on a background with the YIQ color 221.6400, -43.3250, -13.2850.



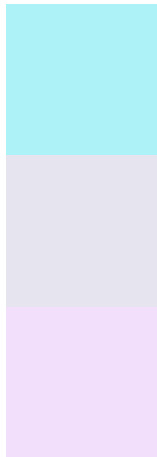
This preview shows how white text looks on a background with the YIQ color 221.6400, -43.3250, -13.2850.

-13.2850.

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

221.6400, -43.3250, -13.2850

Protanopia

229.7380, -2.0180, 3.5340

Deuteranopia

231.5740, 1.7400, 12.5240



Tritanopia

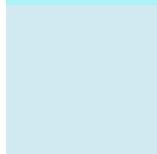
223.7920, -37.6410, -6.1610

Trichromacy



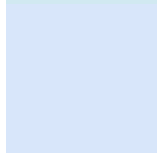
Original Color

221.6400, -43.3250, -13.2850



Protanomaly

226.7360, -16.8720, -2.6000



Deuteranomaly

228.0940, -14.7640, 3.2520



Tritanomaly

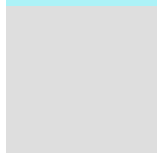
222.8410, -39.3370, -8.4650

Monochromacy



Original Color

221.6400, -43.3250, -13.2850



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.7530, -15.5420, -4.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.6400, -43.3250, -13.2850 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(172, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(172, 242, 247)  
}
```

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(172, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 242, 247) }
```

Border

The CSS property to change the border of an element to YIQ 221.6400, -43.3250, -13.2850 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(172, 242, 247) }
```


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

```
.border{ border-color:rgb(172, 242, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 242, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 242, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 242, 247); box-shadow:4px 4px 4px 4px rgb(172, 242, 247) }
```

Background

The CSS property to change the background color of an element to YIQ 221.6400, -43.3250, -13.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 242, 247) }
```

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

```
.background{ background-color: rgb(172,  
242, 247) }
```

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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