

Converting Colors

YIQ(214.1630, -46.7160,
-23.4200)

Have a look what the booklet for
YIQ(214.1630, -46.7160, -23.4200)
contains.

YIQ(214.1630, -46.7160, -23.4200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(214.1630, -46.7160,
-23.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	9BF2E2
RGB	155, 242, 226
RGB Percent	61%, 95%, 89%
CMY	0.3924, 0.0508, 0.1139
CMYK	0.36, 0.00, 0.07, 0.05
HSL	169°, 77%, 78%
HSV	169°, 36%, 95%
XYZ	58.9914, 75.9777, 83.4758
YIQ	214.1630, -46.7160, -23.4200

Conversions

Conversions Part 2

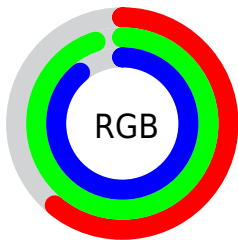
Format	Color
R_{YB}	155, 203, 242
Decimal	10220258
CIE _{Lab}	89.85, -29.74, -0.55
CIE _{LCh}	90, 29.750, 181.058
Yxy	75.9777, 0.2701, 0.3478
Android (android.graphics.Color)	4288410338 (0xFF9BF2E2)
YUV	214.1630, 5.8356, -51.8860
Hunter-Lab	87.1652, -31.7344, 4.2352

Details

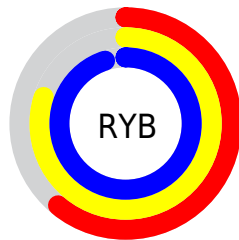
The YIQ color **214.1630, -46.7160, -23.4200** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **182.8370, 46.7160, 23.4200**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, -25.6280, -9.1160**, and **158.2770, -47.0370, -23.1090** is the 20% darker color. If you saturate the color by 10%, you get **206.4170, -59.4150, -30.0630**, and if you desaturate by 10%, it is **221.7950, -33.6960, -17.0880**.

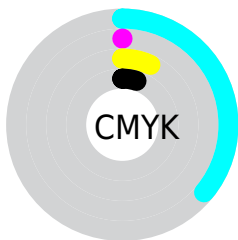
Distribution



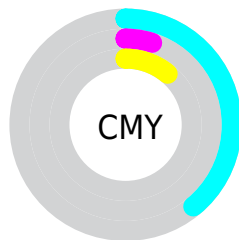
- Red (61%)
- Green (95%)
- Blue (89%)



- Red (61%)
- Yellow (80%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.1630, -46.7160, -23.4200 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 214.1630, -46.7160, -23.4200 by changing the saturation by 10% instead.

214.1630,
-46.7160, -23.4200

214.1630,
-46.7160, -23.4200

255.0000, -0.0000,
-0.0000

185.5760,
-46.4410, -22.8970

242.1430,
-25.6280, -9.1160

158.2770,
-47.0370, -23.1090

251.1130, -7.7480,
-2.7560

130.3910,
-47.3580, -22.7980

103.3090,
-50.0630, -23.3350

72.9380, -59.3240,
-26.2040

56.1140, -45.0200,
-21.1160

39.5180, -31.3580,

-15.4060

■ 24.7970, -18.8420,
-10.9540

■ 0.1140, -0.3210,
0.3110

■ 214.1630,
-46.7160, -23.4200

■ 214.1630,
-46.7160, -23.4200

■ 206.4170,
-59.4150, -30.0630

■ 221.7950,
-33.6960, -17.0880

■ 198.7850,
-72.4350, -36.3950

■ 229.5410,
-20.9970, -10.4450

■ 190.8540,
-86.0510, -42.9390

■ 237.4720, -7.3810,
-3.9010

■ 183.1080,
-98.7500, -49.5820

■ 245.2180, 5.3180,
2.7420

■ 175.4760,
-111.7700, -55.9140

■ 246.5710, 5.8220,
4.6220

■ 167.7300,
-124.4690, -62.5570

■ 247.1410, 4.2170,
6.1770

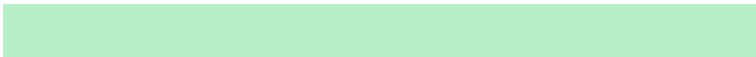
■ 164.5120,
-129.7870, -65.2990

■ 247.3690, 3.5750,
6.7990

Harmonies

Analogous

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



217.5820, -20.2150, -24.6230



214.1630, -46.7160, -23.4200



213.1800, -62.5810, -16.7330

Triad

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



214.1630, -46.7160, -23.4200



226.4040, -3.5330, 14.4750



222.6280, 36.0380, -3.3380

Complementary

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



214.1630, -46.7160, -23.4200



182.8370, 46.7160, 23.4200

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.



220.9130, 31.2220, 6.8540



214.1630, -46.7160, -23.4200



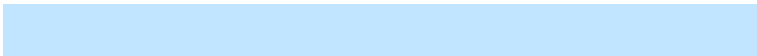
228.4710, 12.6960, 23.2240

Square

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



214.1630, -46.7160, -23.4200



220.6130, -29.5270, 0.9770



222.3440, 23.0590, 17.1310



224.3080, 30.7670, -12.4410

Rectangle

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



214.1630, -46.7160, -23.4200



213.6260, -57.9050, -13.3690



222.3440, 23.0590, 17.1310



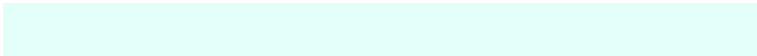
221.5510, 34.9370, 0.0970

Sweetspot

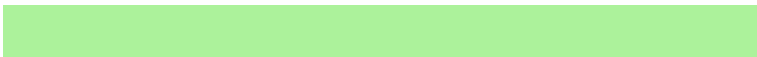
The Sweet Spot groups the original color and five complimentary colors.



214.1630, -46.7160, -23.4200



246.0580, -15.0830, -7.4910



211.1520, -13.7930, -41.8970



122.4610, -8.8480, -4.8480



0.0000, 0.0000, 0.0000



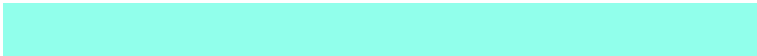
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



214.1630, -46.7160, -23.4200



219.8300, -59.1400, -29.5400



200.7250, -44.7020, -4.8460



116.1840, -6.5100, -3.1660



125.1080, -98.7500, -49.5820



38.1160, -30.1660, -14.9820

Inverse Universe

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



182.8370, 46.7160, 23.4200



180.2840, 58.8190, 29.8510



196.2750, 44.7020, 4.8460



111.8160, 6.5100, 3.1660



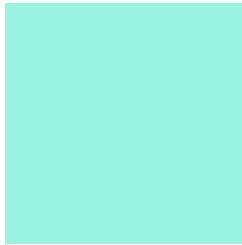
58.8920, 98.7500, 49.5820



17.8840, 30.1660, 14.9820

Previews

White Background



This preview shows how the YIQ color 214.1630, -46.7160, -23.4200 looks on a white background.

Color Contrast Check

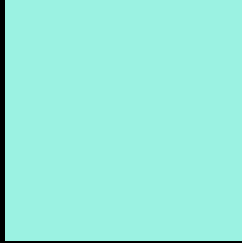
Large Text (above 18pt) WCAG AA × Fail

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 214.1630, -46.7160, -23.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

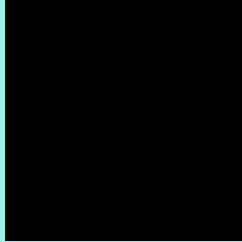
Any Text WCAG AA ✓ Pass

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 214.1630, -46.7160, -23.4200 Background



This preview shows how black text looks on a background with the YIQ color 214.1630, -46.7160, -23.4200.



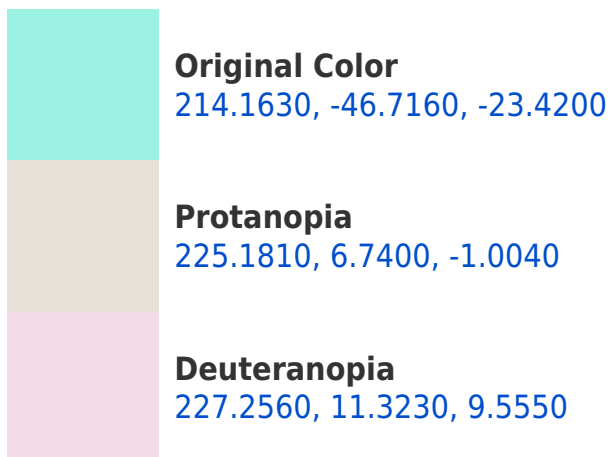
This preview shows how white text looks on a background with the YIQ color 214.1630, -46.7160, -23.4200.

-23.4200.

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





Tritanopia

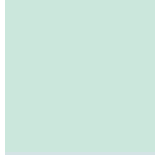
218.1220, -47.4980, -9.2420

Trichromacy



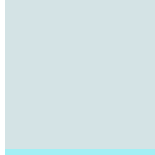
Original Color

214.1630, -46.7160, -23.4200



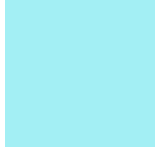
Protanomaly

221.3740, -13.1570, -9.3570



Deuteranomaly

222.7430, -9.5820, -2.5580



Tritanomaly

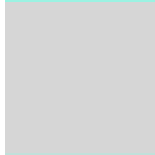
216.8460, -46.9010, -14.5570

Monochromacy



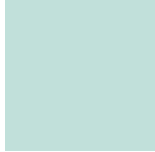
Original Color

214.1630, -46.7160, -23.4200



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

214.0470, -16.5500, -8.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1630, -46.7160, -23.4200 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(155, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(155, 242, 226)  
}
```

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(155, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 242, 226) }
```

Border

The CSS property to change the border of an element to YIQ 214.1630, -46.7160, -23.4200 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(155, 242, 226) }
```


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

```
.border{ border-color:rgb(155, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 242, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 242, 226); box-shadow:4px 4px 4px 4px rgb(155, 242, 226) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1630, -46.7160, -23.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 242, 226) }
```

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

```
.background{ background-color: rgb(155,  
242, 226) }
```

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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