

Converting Colors

YIQ(204.9000, -56.1610,
-22.9530)

Have a look what the booklet for
YIQ(204.9000, -56.1610, -22.9530)
contains.

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Color

**YIQ(204.9000, -56.1610,
-22.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	89EBE4
RGB	137, 235, 228
RGB Percent	54%, 92%, 89%
CMY	0.4630, 0.0783, 0.1061
CMYK	0.42, 0.00, 0.03, 0.08
HSL	176°, 71%, 73%
HSV	176°, 42%, 92%
XYZ	54.0226, 70.3518, 84.0904
YIQ	204.9000, -56.1610, -22.9530

Conversions

Conversions Part 2

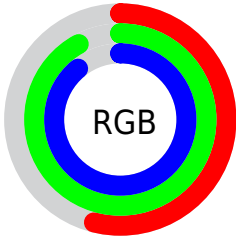
Format	Color
RYB	137, 188, 235
Decimal	9038820
CIELab	87.17, -30.52, -5.62
CIELCh	87, 31.034, 190.429
Yxy	70.3518, 0.2591, 0.3375
Android (android.graphics.Color)	4287228900 (0xFF89EBE4)
YUV	204.9000, 11.3883, -59.5483
Hunter-Lab	83.8760, -31.8153, -0.7283

Details

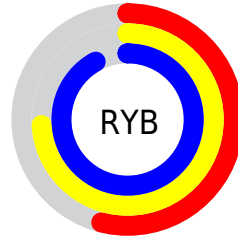
The YIQ color **204.9000, -56.1610, -22.9530** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **167.1000, 56.1610, 22.9530**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, -35.7600, -12.7200**, and **148.4160, -57.6740, -23.0660** is the 20% darker color. If you saturate the color by 10%, you get **197.4960, -69.8230, -28.6630**, and if you desaturate by 10%, it is **212.0050, -43.0950, -17.4550**.

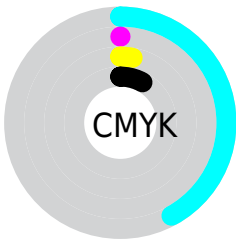
Distribution



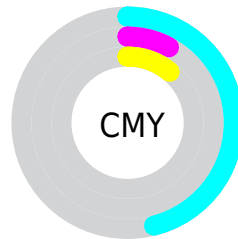
- Red (54%)
- Green (92%)
- Blue (89%)



- Red (54%)
- Yellow (74%)
- Blue (92%)



- Cyan (42%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (46%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.9000, -56.1610, -22.9530 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 204.9000, -56.1610, -22.9530 by changing the saturation by 10% instead.

■ 204.9000,
-56.1610, -22.9530

■ 204.9000,
-56.1610, -22.9530

■ 255.0000, -0.0000,
-0.0000

■ 176.6010,
-56.7570, -23.1650

■ 237.0600,
-35.7600, -12.7200

■ 148.4160,
-57.6740, -23.0660

■ 245.7310,
-18.4760, -6.5720

■ 119.9210,
-60.6540, -24.1260

■ 254.7010, -0.5960,
-0.2120

■ 87.6420, -73.1700,
-28.5780

■ 69.6440, -58.3160,
-22.4440

■ 52.8200, -44.0120,
-17.3560

■ 36.2240, -30.3500,

-11.6460

■ 22.6770, -18.3840,
-8.2400

■ 0.2280, -0.6420,
0.6220

■ 204.9000,
-56.1610, -22.9530

■ 204.9000,
-56.1610, -22.9530

■ 197.4960,
-69.8230, -28.6630

■ 212.0050,
-43.0950, -17.4550

■ 190.5050,
-83.2100, -33.8500

■ 219.2950,
-29.1120, -12.0560

■ 183.1010,
-96.8720, -39.5600

■ 226.4000,
-16.0460, -6.5580

■ 175.9960,
-109.9380, -45.0580

■ 233.8040, -2.3840,
-0.8480

■ 168.5920,
-123.6000, -50.7680

■ 240.7950, 11.0030,
4.3390

■ 162.7970,
-134.6030, -55.1070

■ 241.3220, 10.9570,
5.1730

■ 241.5500, 10.3150,
5.7950

■ 241.7780, 9.6730,
6.4170

■ 241.8920, 9.3520,
6.7280

Harmonies

Analogous

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



208.0800, -30.4850, -25.7250



204.9000, -56.1610, -22.9530



205.3090, -67.2580, -14.5700

Triad

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



204.9000, -56.1610, -22.9530



221.1430, 1.8760, 21.0760



218.2110, 41.5860, -4.7660

Complementary

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



204.9000, -56.1610, -22.9530



167.1000, 56.1610, 22.9530

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.



214.8660, 38.6040, 5.2280



204.9000, -56.1610, -22.9530



220.3040, 20.5360, 24.3120

Square

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



204.9000, -56.1610, -22.9530



215.6400, -24.9890, 6.8430



215.7100, 30.7160, 16.0280



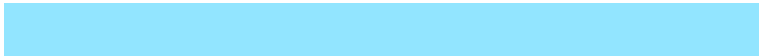
215.8510, 24.6240, -16.7520

Rectangle

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



204.9000, -56.1610, -22.9530



207.1470, -57.8140, -9.5100



215.7100, 30.7160, 16.0280



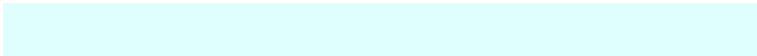
216.9060, 41.1270, -1.9530

Sweetspot

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



204.9000, -56.1610, -22.9530



244.9050, -19.0260, -7.6180



196.9180, -22.1820, -49.5580



121.4930, -11.8740, -5.0740



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.



204.9000, -56.1610, -22.9530



216.0010, -72.8030, -29.7230



181.6310, -47.1330, 0.6670



113.5970, -6.2350, -2.6430



125.3990, -103.7030, -42.4150



37.3980, -30.9000, -12.6920

Inverse Universe

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



167.1000, 56.1610, 22.9530



166.9990, 72.8030, 29.7230



190.3690, 47.1330, -0.6670



109.2890, 6.5560, 2.3320



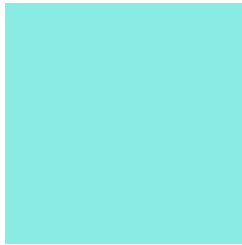
55.6010, 103.7030, 42.4150



16.6020, 30.9000, 12.6920

Previews

White Background



This preview shows how the YIQ color 204.9000, -56.1610, -22.9530 looks on a white background.

Color Contrast Check

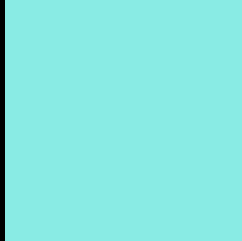
Large Text (above 18pt) WCAG AA × Fail

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 204.9000, -56.1610, -22.9530 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

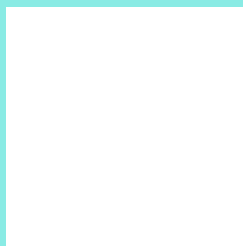
Any Text WCAG AAA ✓ Pass

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

YIQ 204.9000, -56.1610, -22.9530 Background



This preview shows how black text looks on a background with the YIQ color 204.9000, -56.1610, -22.9530.



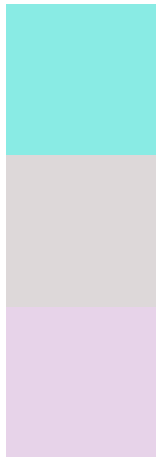
This preview shows how white text looks on a background with the YIQ color 204.9000, -56.1610, -22.9530.

-22.9530.

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

204.9000, -56.1610, -22.9530

Protanopia

217.6090, 2.6590, 1.3710

Deuteranopia

219.4880, 4.8580, 11.0820



Tritanopia

207.4410, -58.8220, -13.2700

Trichromacy



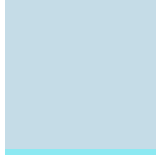
Original Color

204.9000, -56.1610, -22.9530



Protanomaly

212.9050, -19.0260, -7.6180



Deuteranomaly

214.3770, -17.2390, -1.4550



Tritanomaly

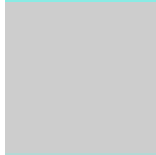
206.5180, -57.7210, -16.7050

Monochromacy



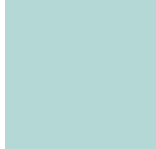
Original Color

204.9000, -56.1610, -22.9530



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

204.8940, -20.4930, -8.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.9000, -56.1610, -22.9530 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(137, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(137, 235, 228)  
}
```

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(137, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 235, 228) }
```

Border

The CSS property to change the border of an element to YIQ 204.9000, -56.1610, -22.9530 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

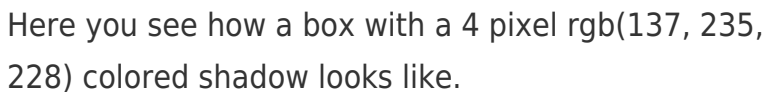
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 235, 228) }
```


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

```
.border{ border-color:rgb(137, 235, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 235, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 235, 228); box-shadow:4px 4px 4px 4px rgb(137, 235, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 204.9000, -56.1610, -22.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 235, 228) }
```

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

```
.background{ background-color: rgb(137,  
235, 228) }
```

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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