

Converting Colors

YIQ(204.7550, -62.5820,
-11.2060)

Have a look what the booklet for
YIQ(204.7550, -62.5820, -11.2060)
contains.

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Color

**YIQ(204.7550, -62.5820,
-11.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE5FF
RGB	138, 229, 255
RGB Percent	54%, 90%, 100%
CMY	0.4590, 0.1018, 0.0003
CMYK	0.46, 0.10, 0.00, 0.00
HSL	193°, 100%, 77%
HSV	193°, 46%, 100%
XYZ	56.5417, 68.6743, 104.8254
YIQ	204.7550, -62.5820, -11.2060

Conversions

Conversions Part 2

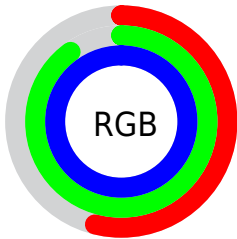
Format	Color
R_{YB}	138, 189, 255
Decimal	9102847
CIE _{Lab}	86.34, -20.62, -21.03
CIE _{LCh}	86, 29.452, 225.569
Yxy	68.6743, 0.2458, 0.2985
Android (android.graphics.Color)	4287292927 (0xFF8AE5FF)
YUV	204.7550, 24.7708, -58.5441
Hunter-Lab	82.8700, -23.2330, -16.9892

Details

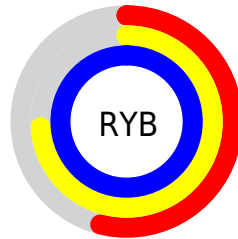
The YIQ color **204.7550, -62.5820, -11.2060** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **188.2450, 62.5820, 11.2060**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6580, -34.5680, -12.2960**, and **147.4450, -64.6450, -12.3650** is the 20% darker color. If you saturate the color by 10%, you get **193.4590, -76.4280, -13.5800**, and if you desaturate by 10%, it is **215.7520, -49.3320, -9.0440**.

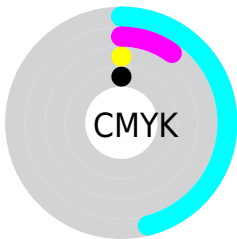
Distribution



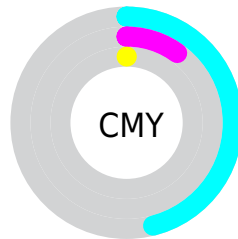
- Red (54%)
- Green (90%)
- Blue (100%)



- Red (54%)
- Yellow (74%)
- Blue (100%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.7550, -62.5820, -11.2060 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 204.7550, -62.5820, -11.2060 by changing the saturation by 10% instead.

■ 204.7550,
-62.5820, -11.2060

■ 204.7550,
-62.5820, -11.2060

■ 255.0000, -0.0000,
-0.0000

■ 176.3420,
-62.8570, -11.7290

■ 237.6580,
-34.5680, -12.2960

■ 147.4450,
-64.6450, -12.3650

■ 246.3290,
-17.2840, -6.1480

■ 118.9390,
-69.0920, -14.3720

■ 87.4430, -79.4990,
-18.4990

■ 69.9180, -64.5990,
-13.1990

■ 52.9800, -49.9740,
-8.4220

■ 36.7430, -35.9450,

-3.8570

■ 23.0820, -23.6580,
-0.7620

■ 3.6650, -8.9420,
7.8740

■ 204.7550,
-62.5820, -11.2060

■ 204.7550,
-62.5820, -11.2060

■ 193.4590,
-76.4280, -13.5800

■ 215.7520,
-49.3320, -9.0440

■ 183.0490,
-89.9530, -16.2650

■ 226.4610,
-35.2110, -6.1470

■ 171.7530,
-103.7990, -18.6390

■ 237.4580,
-21.9610, -3.9850

■ 160.7560,
-117.0490, -20.8010

■ 248.7540, -8.1150,
-1.6110

■ 150.0470,
-131.1700, -23.6980

255.0000, -0.0000,
-0.0000

■ 145.8830,
-136.5800, -24.7720

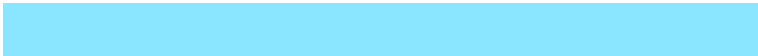
Harmonies

Analogous

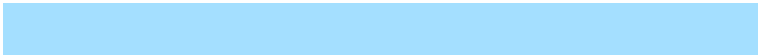
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.3670, -55.9780, -20.7620



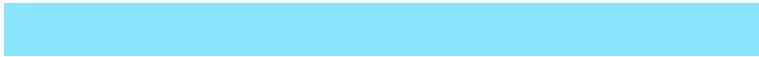
204.7550, -62.5820, -11.2060



209.0070, -45.4360, -2.5560

Triad

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



204.7550, -62.5820, -11.2060



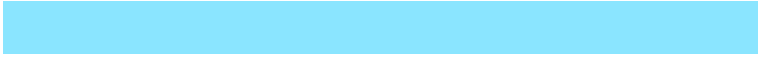
218.2180, 23.6540, 22.8700



213.3990, 20.0850, -17.0910

Complementary

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



204.7550, -62.5820, -11.2060



188.2450, 62.5820, 11.2060

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.



216.3030, 38.3310, -6.3490



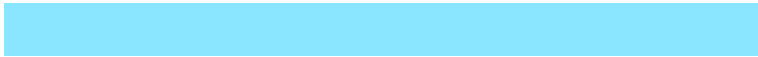
204.7550, -62.5820, -11.2060



214.3250, 33.2380, 14.3740

Square

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



204.7550, -62.5820, -11.2060



219.9800, 3.8930, 23.0690



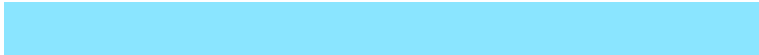
214.4100, 39.8880, 3.9840



209.5360, -5.4060, -23.1820

Rectangle

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



204.7550, -62.5820, -11.2060



212.9600, -28.8860, 5.8820



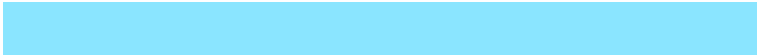
214.4100, 39.8880, 3.9840



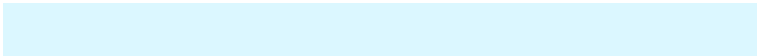
214.1010, 26.9160, -14.2360

Sweetspot

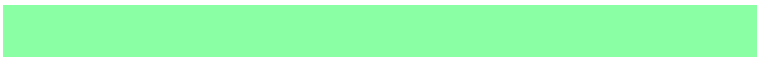
The Sweet Spot groups the original color and five complimentary colors.



204.7550, -62.5820, -11.2060



239.5400, -19.2560, -3.4480



209.5290, -40.2000, -53.4160



118.4870, -11.7370, -2.0490



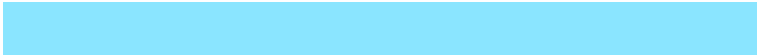
0.0000, 0.0000, 0.0000



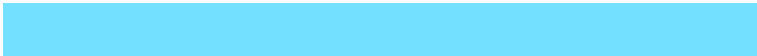
128.0000, -0.0000, -0.0000

Same Dimension

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



204.7550, -62.5820, -11.2060



194.9430, -74.9150, -13.4670



170.7090, -46.6320, 19.1280



122.3520, -6.9230, -1.1870



109.2370, -102.2860, -18.5260



36.6460, -34.2940, -6.2460

Inverse Universe

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



183.3570, 40.5210, 53.1050



169.2860, 48.4510, 63.5790



222.2910, 46.6320, -19.1280



120.0270, 4.5380, 5.8660



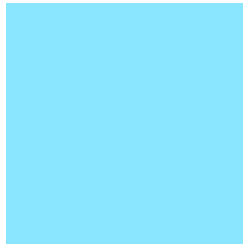
74.0950, 66.0070, 86.8310



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 204.7550, -62.5820, -11.2060 looks on a white background.

Color Contrast Check

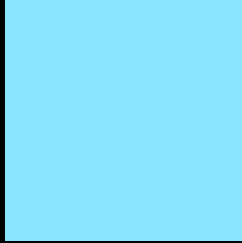
Large Text (above 18pt) WCAG AA × Fail

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 204.7550, -62.5820, -11.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

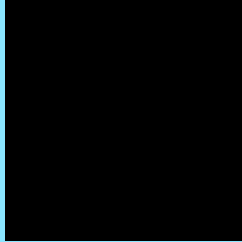
Any Text WCAG AA ✓ Pass

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 204.7550, -62.5820, -11.2060 Background



This preview shows how black text looks on a background with the YIQ color 204.7550, -62.5820, -11.2060.



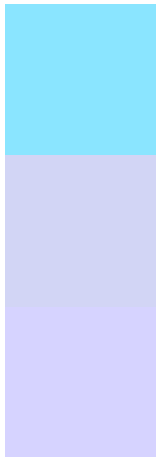
This preview shows how white text looks on a background with the YIQ color 204.7550, -62.5820, -11.2060.

-11.2060.

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

204.7550, -62.5820, -11.2060

Protanopia

215.7510, -12.0600, 9.3160

Deuteranopia

216.9130, -12.3360, 14.3200



Tritanopia

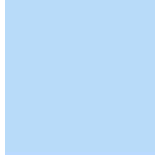
204.0600, -62.1230, -14.0190

Trichromacy



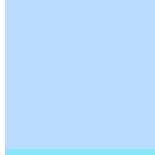
Original Color

204.7550, -62.5820, -11.2060



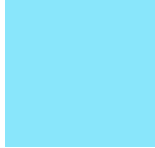
Protanomaly

211.9550, -30.4900, 1.9100



Deuteranomaly

212.6500, -30.9490, 4.7230



Tritanomaly

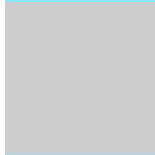
204.5870, -62.1690, -13.1850

Monochromacy



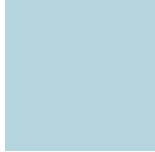
Original Color

204.7550, -62.5820, -11.2060



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

205.1590, -22.5570, -4.1970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.7550, -62.5820, -11.2060 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(138, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 229, 255)  
}
```

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(138, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 229, 255) }
```

Border

The CSS property to change the border of an element to YIQ 204.7550, -62.5820, -11.2060 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(138, 229, 255) }
```


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

```
.border{ border-color:rgb(138, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 229,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 204.7550, -62.5820, -11.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 229, 255) }
```

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

```
.background{ background-color: rgb(138,  
229, 255) }
```

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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