

Converting Colors

YIQ(196.7020, -47.0360,
-28.6360)

Have a look what the booklet for
YIQ(196.7020, -47.0360, -28.6360)
contains.

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Color

**YIQ(196.7020, -47.0360,
-28.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	86E4C8
RGB	134, 228, 200
RGB Percent	53%, 89%, 78%
CMY	0.4747, 0.1057, 0.2158
CMYK	0.41, 0.00, 0.12, 0.11
HSL	162°, 64%, 71%
HSV	162°, 41%, 89%
XYZ	47.9964, 64.7400, 64.5842
YIQ	196.7020, -47.0360, -28.6360

Conversions

Conversions Part 2

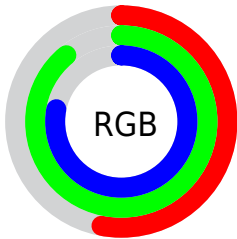
Format	Color
RYB	134, 189, 228
Decimal	8840392
CIELab	84.35, -34.38, 4.97
CIElCh	84, 34.737, 171.767
Yxy	64.7400, 0.2707, 0.3651
Android (android.graphics.Color)	4287030472 (0xFF86E4C8)
YUV	196.7020, 1.6259, -54.9897
Hunter-Lab	80.4611, -34.3288, 8.7322

Details

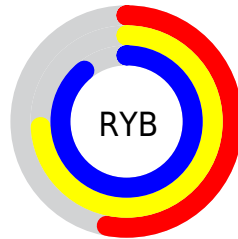
The YIQ color **196.7020, -47.0360, -28.6360** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **165.2980, 47.0360, 28.6360**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.8640, -38.1440, -13.5680**, and **140.9300, -47.6780, -28.0140** is the 20% darker color. If you saturate the color by 10%, you get **189.0270, -58.4970, -35.6890**, and if you desaturate by 10%, it is **204.3770, -35.5750, -21.5830**.

Distribution



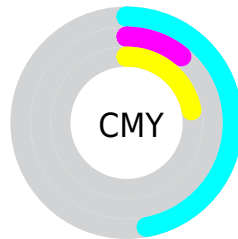
- Red (53%)
- Green (89%)
- Blue (78%)



- Red (53%)
- Yellow (74%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.7020, -47.0360, -28.6360 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 196.7020, -47.0360, -28.6360 by changing the saturation by 10% instead.

■ 196.7020,
-47.0360, -28.6360

■ 196.7020,
-47.0360, -28.6360

■ 255.0000, -0.0000,
-0.0000

■ 168.8160,
-47.3570, -28.3250

■ 235.8640,
-38.1440, -13.5680

■ 140.9300,
-47.6780, -28.0140

■ 244.5350,
-20.8600, -7.4200

■ 113.1470,
-49.7870, -28.3390

■ 253.2060, -3.5760,
-1.2720

■ 81.6940, -61.7530,
-31.7450

■ 63.3860, -48.9620,
-26.7700

■ 46.7900, -35.3000,
-21.0600

■ 30.3080, -21.9590,

-15.0390

■ 14.4300, -7.5630,
-11.6190

■ 0.0000, 0.0000,
0.0000

■ 196.7020,
-47.0360, -28.6360

■ 196.7020,
-47.0360, -28.6360

■ 189.0270,
-58.4970, -35.6890

■ 204.3770,
-35.5750, -21.5830

■ 181.3520,
-69.9580, -42.7420

■ 212.0520,
-24.1140, -14.5300

■ 174.0900,
-81.1440, -49.2720

■ 219.3140,
-12.9280, -8.0000

■ 166.4150,
-92.6050, -56.3250

■ 226.9890, -1.4670,
-0.9470

■ 158.7400,
-104.0660, -63.3780

■ 234.6640, 9.9940,
6.1060

■ 152.0760,
-114.0600, -69.4840

■ 237.5550, 11.9190,
9.7670

■ 238.3530, 9.6720,
11.9440

■ 239.0370, 7.7460,
13.8100

■ 239.1510, 7.4250,
14.1210

Harmonies

Analogous

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



201.8830, -13.9330, -28.3410



196.7020, -47.0360, -28.6360



192.8040, -73.4460, -23.5740

Triad

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



196.7020, -47.0360, -28.6360



210.1020, -17.2420, 15.1260



208.3630, 47.2700, 2.3580

Complementary

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



196.7020, -47.0360, -28.6360



165.2980, 47.0360, 28.6360

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.



207.4460, 40.2070, 14.7270



196.7020, -47.0360, -28.6360



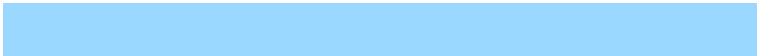
215.4480, 11.5030, 28.3270

Square

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



196.7020, -47.0360, -28.6360



202.2070, -48.8750, -0.8030



211.2080, 29.6140, 24.9900



209.3370, 40.9910, -10.5050

Rectangle

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



196.7020, -47.0360, -28.6360



193.7960, -78.9950, -16.6190



211.2080, 29.6140, 24.9900



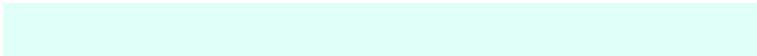
207.5140, 45.5270, 6.4150

Sweetspot

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



196.7020, -47.0360, -28.6360



244.7050, -15.5870, -9.3710



197.5500, -9.1620, -43.2260



121.9340, -8.8020, -5.6820



0.0000, 0.0000, 0.0000



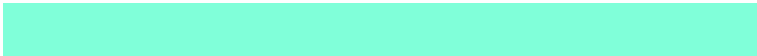
128.0000, -0.0000, -0.0000

Same Dimension

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



196.7020, -47.0360, -28.6360



212.6950, -63.4940, -38.7420



188.7410, -50.7990, -9.9910



110.9560, -5.8680, -3.7880



119.3230, -89.3500, -54.7420



34.0410, -25.5810, -15.4770

Inverse Universe

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



165.2980, 47.0360, 28.6360



170.3050, 63.4940, 38.7420



173.2590, 50.7990, 9.9910



107.0440, 5.8680, 3.7880



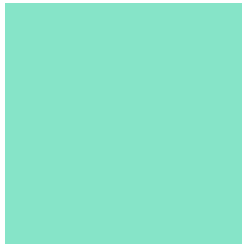
59.5630, 89.6710, 54.4310



16.9590, 25.5810, 15.4770

Previews

White Background



This preview shows how the YIQ color 196.7020, -47.0360, -28.6360 looks on a white background.

Color Contrast Check

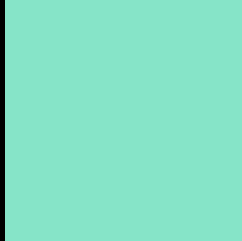
Large Text (above 18pt) WCAG AA × Fail

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 196.7020, -47.0360, -28.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

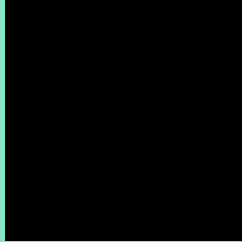
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

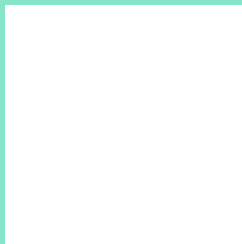
Any Text WCAG AAA ✓ Pass

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

YIQ 196.7020, -47.0360, -28.6360 Background



This preview shows how black text looks on a background with the YIQ color 196.7020, -47.0360, -28.6360.



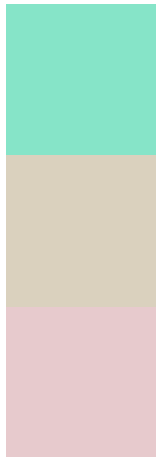
This preview shows how white text looks on a background with the YIQ color 196.7020, -47.0360, -28.6360.

-28.6360.

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

196.7020, -47.0360, -28.6360

Protanopia

209.5250, 11.4630, -4.0010

Deuteranopia

211.0130, 16.3210, 7.0810



Tritanopia

200.7300, -52.2660, -10.9380

Trichromacy



Original Color

196.7020, -47.0360, -28.6360



Protanomaly

204.8210, -10.2220, -12.9900



Deuteranomaly

205.6030, -6.3720, -5.6680



Tritanomaly

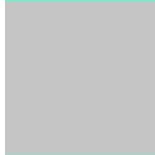
198.9980, -50.3850, -17.4970

Monochromacy



Original Color

196.7020, -47.0360, -28.6360



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

196.6940, -17.0540, -10.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7020, -47.0360, -28.6360 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(134, 228, 200)` looks like.

```
.text, #text, p{  
    color:rgb(134, 228, 200)  
}
```

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(134, 228, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 228, 200) }
```

Border

The CSS property to change the border of an element to YIQ 196.7020, -47.0360, -28.6360 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(134, 228, 200) }
```


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

```
.border{ border-color:rgb(134, 228, 200) }
```

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

Here you see how a box with a 4 pixel rgb(134, 228, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 228, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 228, 200);  
box-shadow:4px 4px 4px 4px rgb(134, 228,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7020, -47.0360, -28.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 228, 200) }
```

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

```
.background{ background-color: rgb(134,  
228, 200) }
```

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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