

Converting Colors

YIQ(197.5020, -51.6240,
-11.5600)

Have a look what the booklet for
YIQ(197.5020, -51.6240, -11.5600)
contains.

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Color

**YIQ(197.5020, -51.6240,
-11.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	8DDBEB
RGB	141, 219, 235
RGB Percent	55%, 86%, 92%
CMY	0.4472, 0.1410, 0.0786
CMYK	0.40, 0.07, 0.00, 0.08
HSL	190°, 70%, 74%
HSV	190°, 40%, 92%
XYZ	51.3044, 62.3339, 87.8829
YIQ	197.5020, -51.6240, -11.5600

Conversions

Conversions Part 2

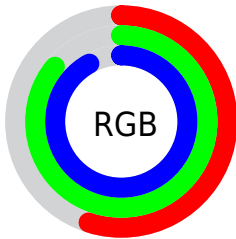
Format	Color
RYB	141, 184, 235
Decimal	9296875
CIELab	83.09, -20.01, -15.37
CIElCh	83, 25.229, 217.527
Yxy	62.3339, 0.2546, 0.3093
Android (android.graphics.Color)	4287486955 (0xFF8DDBEB)
YUV	197.5020, 18.4865, -49.5523
Hunter-Lab	78.9518, -22.1731, -10.7306

Details

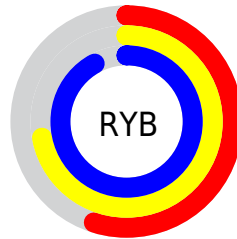
The YIQ color **197.5020, -51.6240, -11.5600** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178.4980, 51.6240, 11.5600**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.9570, -33.9720, -12.0840**, and **142.0890, -51.8990, -12.0830** is the 20% darker color. If you saturate the color by 10%, you get **187.9780, -64.8280, -14.5560**, and if you desaturate by 10%, it is **206.7270, -39.0160, -8.7760**.

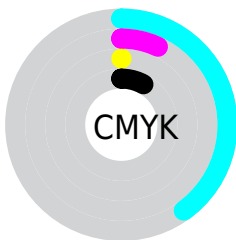
Distribution



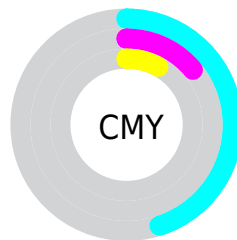
- Red (55%)
- Green (86%)
- Blue (92%)



- Red (55%)
- Yellow (72%)
- Blue (92%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.5020, -51.6240, -11.5600 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 197.5020, -51.6240, -11.5600 by changing the saturation by 10% instead.

■ 197.5020,
-51.6240, -11.5600

■ 197.5020,
-51.6240, -11.5600

■ 255.0000, -0.0000,
-0.0000

■ 169.5020,
-51.6240, -11.5600

■ 237.9570,
-33.9720, -12.0840

■ 142.0890,
-51.8990, -12.0830

■ 246.6280,
-16.6880, -5.9360

■ 114.1920,
-53.6870, -12.7190

■ 85.4900, -60.5180,
-15.5740

■ 62.5830, -56.3460,
-14.0900

■ 46.3460, -42.3170,
-9.5250

■ 30.3370, -28.9300,

-4.3380

■ 15.5020, -16.0930,
-0.1970

■ 0.9120, -2.5680,
2.4880

■ 197.5020,
-51.6240, -11.5600

■ 197.5020,
-51.6240, -11.5600

■ 187.9780,
-64.8280, -14.5560

■ 206.7270,
-39.0160, -8.7760

■ 178.7530,
-77.4360, -17.3400

■ 216.2510,
-25.8120, -5.7800

■ 169.2290,
-90.6400, -20.3360

■ 225.4760,
-13.2040, -2.9960

■ 160.0040,
-103.2480, -23.1200

■ 235.0000, 0.0000,
-0.0000

■ 150.4800,
-116.4520, -26.1160

■ 243.3280, 10.8200,
2.1480

■ 141.2550,
-129.0600, -28.9000

■ 245.6760, 9.7200,
0.0560

■ 248.0240, 8.6200,
-2.0360

■ 250.3720, 7.5200,
-4.1280

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



197.5490, -41.8110, -18.6990



197.5020, -51.6240, -11.5600



201.0610, -45.5280, -0.8880

Triad

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



197.5020, -51.6240, -11.5600



211.1250, 19.4820, 21.3860



205.2300, 22.2390, -12.0730

Complementary

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



197.5020, -51.6240, -11.5600



178.4980, 51.6240, 11.5600

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.



207.5680, 36.2670, -1.9810



197.5020, -51.6240, -11.5600



210.8030, 34.8880, 17.5120

Square

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



197.5020, -51.6240, -11.5600



210.2240, -2.8460, 18.5460



209.6430, 40.8500, 8.5780



202.2920, 1.3330, -18.6590

Rectangle

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



197.5020, -51.6240, -11.5600



204.8500, -34.3880, 6.4760



209.6430, 40.8500, 8.5780



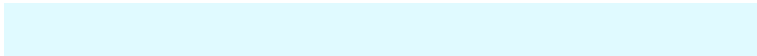
206.4480, 27.5570, -9.3310

Sweetspot

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



197.5020, -51.6240, -11.5600



242.7960, -17.1010, -3.9570



198.0020, -30.9860, -44.1860



120.2700, -9.6280, -1.7240



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.



197.5020, -51.6240, -11.5600



206.1950, -66.9370, -14.8810



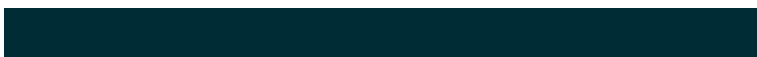
169.9130, -38.6990, 13.0210



112.5370, -6.0060, -1.2860



108.6840, -99.3510, -22.1590



31.9840, -29.4340, -6.2180

Inverse Universe

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



177.9980, 30.9860, 44.1860



180.9920, 40.2910, 57.2750



206.0870, 38.6990, -13.0210



110.3150, 3.6670, 5.1310



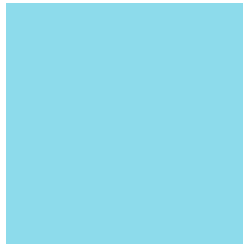
71.2190, 59.7260, 85.0220



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 197.5020, -51.6240, -11.5600 looks on a white background.

Color Contrast Check

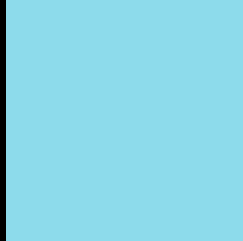
Large Text (above 18pt) WCAG AA × Fail

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 197.5020, -51.6240, -11.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

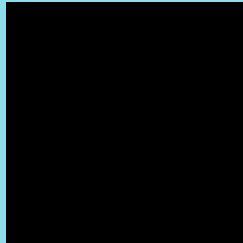
Any Text WCAG AA ✓ Pass

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 197.5020, -51.6240, -11.5600 Background



This preview shows how black text looks on a background with the YIQ color 197.5020, -51.6240, -11.5600.



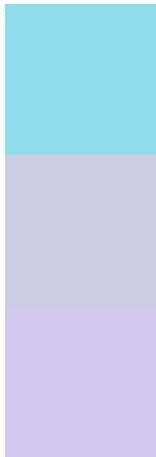
This preview shows how white text looks on a background with the YIQ color 197.5020, -51.6240, -11.5600.

-11.5600.

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

197.5020, -51.6240, -11.5600

Protanopia

207.0950, -7.3370, 6.3190

Deuteranopia

208.0230, -6.8340, 13.7260



Tritanopia

197.6160, -51.9450, -11.2490

Trichromacy



Original Color

197.5020, -51.6240, -11.5600

Protanomaly

203.4950, -23.3830, -0.2390

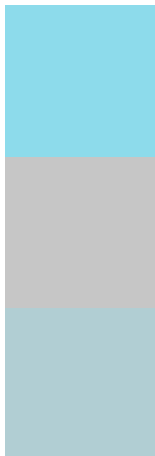
Deuteranomaly

204.5430, -23.3380, 4.4540

Tritanomaly

197.6160, -51.9450, -11.2490

Monochromacy



Original Color

197.5020, -51.6240, -11.5600

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.8990, -18.8890, -4.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5020, -51.6240, -11.5600 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(141, 219, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 219, 235)  
}
```

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(141, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 219, 235) }
```

Border

The CSS property to change the border of an element to YIQ 197.5020, -51.6240, -11.5600 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(141, 219, 235) }
```


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

```
.border{ border-color:rgb(141, 219, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 219, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 219,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5020, -51.6240, -11.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 219, 235) }
```

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

```
.background{ background-color: rgb(141,  
219, 235) }
```

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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