

Converting Colors

YIQ(188.0590, -78.7180,
-27.1500)

Have a look what the booklet for
YIQ(188.0590, -78.7180, -27.1500)
contains.

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Color

**YIQ(188.0590, -78.7180,
-27.1500)**

Conversions

Conversions Part 1

Format	Color
Hex	60E3E5
RGB	96, 227, 229
RGB Percent	38%, 89%, 90%
CMY	0.6238, 0.1096, 0.1023
CMYK	0.58, 0.01, 0.00, 0.10
HSL	181°, 72%, 64%
HSV	181°, 58%, 90%
XYZ	46.4314, 63.1035, 83.8031
YIQ	188.0590, -78.7180, -27.1500

Conversions

Conversions Part 2

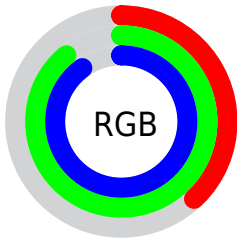
Format	Color
RYP	96, 162, 229
Decimal	6349797
CIELab	83.50, -35.08, -11.74
CIElCh	83, 36.991, 198.504
Yxy	63.1035, 0.2402, 0.3264
Android (android.graphics.Color)	4284539877 (0xFF60E3E5)
YUV	188.0590, 20.1839, -80.7357
Hunter-Lab	79.4377, -34.6826, -6.9419

Details

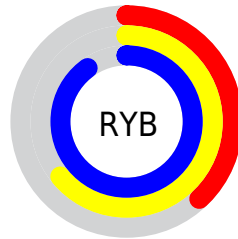
The YIQ color **188.0590, -78.7180, -27.1500** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **136.9410, 78.7180, 27.1500**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9970, -57.8120, -20.5640**, and **120.2130, -102.8790, -35.3190** is the 20% darker color. If you saturate the color by 10%, you get **181.1820, -92.4260, -32.0260**, and if you desaturate by 10%, it is **194.9360, -65.0100, -22.2740**.

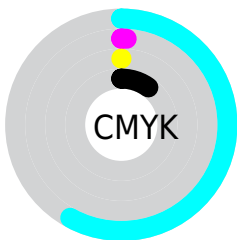
Distribution



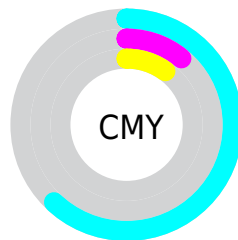
- Red (38%)
- Green (89%)
- Blue (90%)



- Red (38%)
- Yellow (64%)
- Blue (90%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (62%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.0590, -78.7180, -27.1500 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 188.0590, -78.7180, -27.1500 by changing the saturation by 10% instead.

■ 188.0590,
-78.7180, -27.1500

■ 188.0590,
-78.7180, -27.1500

■ 255.0000, -0.0000,
-0.0000

■ 157.9660,
-82.8900, -28.6340

■ 225.9970,
-57.8120, -20.5640

■ 120.2130,
-102.8790, -35.3190

■ 235.2660,
-39.3360, -13.9920

■ 101.2860,
-86.7870, -29.5950

■ 244.2360,
-21.4560, -7.6320

■ 83.0600, -71.2910,
-24.0830

■ 253.5050, -2.9800,
-1.0600

■ 65.5350, -56.3910,
-18.7830

■ 48.8250, -42.4080,
-13.3840

■ 32.1150, -28.4250,

-7.9850

■ 16.3340, -15.6800,
-2.1760

■ 0.1140, -0.3210,
0.3110

■ 188.0590,
-78.7180, -27.1500

■ 188.0590,
-78.7180, -27.1500

■ 181.1820,
-92.4260, -32.0260

■ 194.9360,
-65.0100, -22.2740

■ 173.7180,
-105.8590, -36.3790

■ 202.4000,
-51.5770, -17.9210

■ 166.8410,
-119.5670, -41.2550

■ 209.2770,
-37.8690, -13.0450

■ 159.9640,
-133.2750, -46.1310

■ 215.8550,
-24.7570, -8.3810

■ 158.7680,
-135.6590, -46.9790

■ 223.3190,
-11.3240, -4.0280

■ 230.1960, 2.3840,
0.8480

■ 236.7740, 15.4960,
5.5120

■ 237.3610, 15.2210,
4.9890

Harmonies

Analogous

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



193.2350, -47.2190, -30.8270



188.0590, -78.7180, -27.1500



189.2730, -84.7720, -16.5480

Triad

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



188.0590, -78.7180, -27.1500



213.2350, 7.7890, 29.5570



206.9030, 45.2090, -9.8550

Complementary

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



188.0590, -78.7180, -27.1500



136.9410, 78.7180, 27.1500

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.



205.6730, 49.3330, 3.5170



188.0590, -78.7180, -27.1500



209.0880, 30.0720, 27.7040

Square

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



188.0590, -78.7180, -27.1500



206.8240, -22.3310, 13.7410



205.0980, 41.3070, 16.8190



203.8950, 21.3240, -23.0280

Rectangle

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



188.0590, -78.7180, -27.1500



194.6990, -68.1760, -8.9440



205.0980, 41.3070, 16.8190



208.0010, 50.9850, -4.3990

Sweetspot

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



188.0590, -78.7180, -27.1500



241.5560, -25.3530, -8.5930



174.0710, -36.5750, -69.5590



119.6390, -15.2210, -4.9890



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.



188.0590, -78.7180, -27.1500



200.0170, -105.2630, -36.1670



149.9040, -60.8430, 6.8450



111.4120, -7.1520, -2.5440



123.7180, -105.8590, -36.3790



35.1640, -30.1210, -10.2890

Inverse Universe

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



150.7010, 37.2170, 68.9370



150.1720, 49.9130, 92.1610



174.5090, 61.1180, -6.3220



107.9560, 3.3000, 6.2760



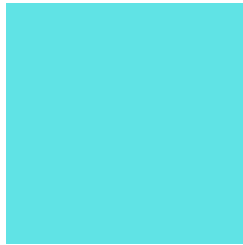
73.5850, 50.1880, 92.6840



20.9490, 14.3460, 26.3620

Previews

White Background



This preview shows how the YIQ color 188.0590, -78.7180, -27.1500 looks on a white background.

Color Contrast Check

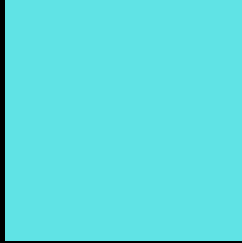
Large Text (above 18pt) WCAG AA × Fail

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 188.0590, -78.7180, -27.1500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

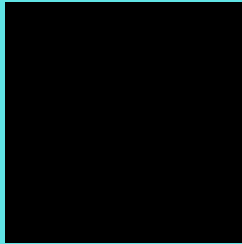
Any Text WCAG AA ✓ Pass

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 188.0590, -78.7180, -27.1500 Background



This preview shows how black text looks on a background with the YIQ color 188.0590, -78.7180, -27.1500.



This preview shows how white text looks on a background with the YIQ color 188.0590, -78.7180, -27.1500.

-27.1500.

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

188.0590, -78.7180, -27.1500

Protanopia

207.1510, -1.7430, 4.0570

Deuteranopia

208.7630, -3.1660, 13.3300



Tritanopia

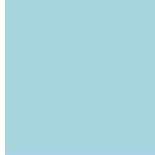
190.2750, -79.0860, -20.4780

Trichromacy



Original Color

188.0590, -78.7180, -27.1500



Protanomaly

200.1580, -29.9840, -7.2640



Deuteranomaly

200.9610, -30.6270, -1.1150



Tritanomaly

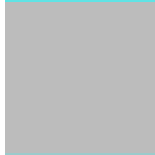
189.6940, -78.9480, -22.9800

Monochromacy



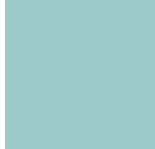
Original Color

188.0590, -78.7180, -27.1500



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0610, -28.3330, -9.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.0590, -78.7180, -27.1500 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(96, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(96, 227, 229)  
}
```

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(96, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 227, 229) }
```

Border

The CSS property to change the border of an element to YIQ 188.0590, -78.7180, -27.1500 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(96, 227, 229) }
```


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

```
.border{ border-color:rgb(96, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(96, 227,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 188.0590, -78.7180, -27.1500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 227, 229) }
```

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

```
.background{ background-color: rgb(96, 227,  
229) }
```

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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