

Converting Colors

YIQ(95.5940, -64.0470,
-23.2070)

Have a look what the booklet for
YIQ(95.5940, -64.0470, -23.2070)
contains.

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Color

**YIQ(95.5940, -64.0470,
-23.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	14807F
RGB	20, 128, 127
RGB Percent	8%, 50%, 50%
CMY	0.9218, 0.4979, 0.5022
CMYK	0.84, 0.00, 0.01, 0.50
HSL	179°, 73%, 29%
HSV	179°, 84%, 50%
XYZ	11.8388, 17.1288, 22.7388
YIQ	95.5940, -64.0470, -23.2070

Conversions

Conversions Part 2

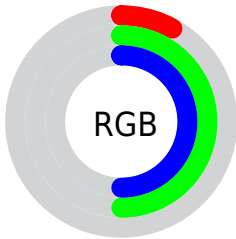
Format	Color
RYB	20, 74, 128
Decimal	1343615
CIELab	48.42, -27.98, -7.59
CIELCh	48, 28.987, 195.172
Yxy	17.1288, 0.2290, 0.3313
Android (android.graphics.Color)	4279533695 (0xFF14807F)
YUV	95.5940, 15.4832, -66.2959
Hunter-Lab	41.3870, -21.3671, -3.6042

Details

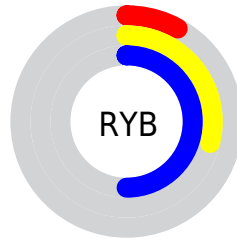
The YIQ color **95.5940, -64.0470, -23.2070** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **52.4060, 64.0470, 23.2070**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.0790, -55.1070, -20.0270**, and **54.6780, -46.4880, -16.5360** is the 20% darker color. If you saturate the color by 10%, you get **91.7070, -71.7950, -25.9630**, and if you desaturate by 10%, it is **99.4810, -56.2990, -20.4510**.

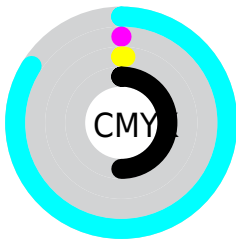
Distribution



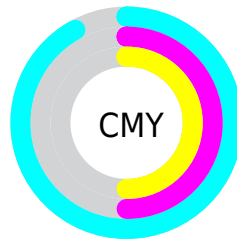
- Red (8%)
- Green (50%)
- Blue (50%)



- Red (8%)
- Yellow (29%)
- Blue (50%)



- Cyan (84%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (92%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.5940, -64.0470, -23.2070 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 95.5940, -64.0470, -23.2070 by changing the saturation by 10% instead.

■ 95.5940, -64.0470,
-23.2070

■ 95.5940, -64.0470,
-23.2070

■ 255.0000, -0.0000,
-0.0000

■ 72.0890, -61.0670,
-22.1470

■ 153.0790,
-55.1070, -20.0270

■ 54.6780, -46.4880,
-16.5360

■ 181.2640,
-54.1900, -20.1260

■ 38.5550, -32.7800,
-11.6600

■ 209.8510,
-54.4650, -20.6490

■ 23.8340, -20.2640,
-7.2080

■ 230.7810,
-48.2760, -17.1720

■ 1.3680, -3.8520,
3.7320

■ 239.4520,
-30.9920, -11.0240

■ 0.0000, 0.0000,
0.0000

■ 248.1230,

-13.7080, -4.8760

■ 95.5940, -64.0470,
-23.2070

■ 95.5940, -64.0470,
-23.2070

■ 91.7070, -71.7950,
-25.9630

■ 99.4810, -56.2990,
-20.4510

■ 89.6140, -75.9670,
-27.4470

■ 103.3680,
-48.5510, -17.6950

■ 106.9560,
-41.3990, -15.1510

■ 110.8430,
-33.6510, -12.3950

■ 114.8440,
-26.2240, -9.3280

■ 118.7310,
-18.4760, -6.5720

■ 122.6180,
-10.7280, -3.8160

■ 126.2060, -3.5760,
-1.2720

■ 130.0930, 4.1720,
1.4840

Harmonies

Analogous

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



104.1170, -31.9070, -21.9790



95.5940, -64.0470, -23.2070



92.4430, -79.4990, -18.4990

Triad

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



95.5940, -64.0470, -23.2070



117.9150, 2.5180, 20.4540



114.1930, 32.8290, -5.7550

Complementary

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



95.5940, -64.0470, -23.2070



52.4060, 64.0470, 23.2070

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.



115.4640, 39.7960, 5.6520



95.5940, -64.0470, -23.2070



117.8760, 24.6170, 21.9370

Square

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



95.5940, -64.0470, -23.2070



114.6990, -23.4770, 12.4830



116.8310, 37.6850, 16.3810



111.8980, 17.2420, -15.1260

Rectangle

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



95.5940, -64.0470, -23.2070



102.5860, -60.4280, -6.1880



116.8310, 37.6850, 16.3810



114.5680, 36.2670, -1.9810

Sweetspot

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



95.5940, -64.0470, -23.2070



153.3280, -24.7110, -9.2150



83.9940, -28.5080, -56.0600



76.5250, -14.9000, -5.3000



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



95.5940, -64.0470, -23.2070



116.1380, -98.2940, -35.8140



65.1840, -50.0680, 4.3000



61.9070, -4.1720, -1.4840



89.5000, -75.6460, -27.7580



0.0000, 0.0000, 0.0000

Inverse Universe

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



52.4060, 64.0470, 23.2070



49.8620, 98.2940, 35.8140



82.8160, 50.0680, -4.3000



59.0930, 4.1720, 1.4840



38.3860, 75.9670, 27.4470



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 95.5940, -64.0470, -23.2070 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 95.5940, -64.0470, -23.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

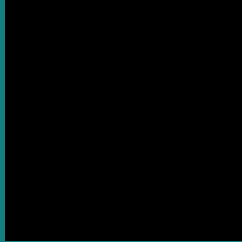
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.5940, -64.0470, -23.2070

Background



This preview shows how black text looks on a background with the YIQ color 95.5940, -64.0470, -23.2070.



This preview shows how white text looks on a background with the YIQ color 95.5940, -64.0470,

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

95.5940, -64.0470, -23.2070

Protanopia

114.7550, -0.6880, 1.4560

Deuteranopia

115.3730, -2.2480, 7.7040



Tritanopia

99.1370, -61.0220, -17.4540

Trichromacy



Original Color

95.5940, -64.0470, -23.2070

Protanomaly

107.5670, -23.8860, -7.6460

Deuteranomaly

108.0170, -25.0330, -3.3770

Tritanomaly

97.4850, -62.1220, -19.5460

Monochromacy



Original Color

95.5940, -64.0470, -23.2070

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9260, -23.5190, -8.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.5940, -64.0470, -23.2070 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(20, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(20, 128, 127)  
}
```

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(20, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 128, 127) }
```

Border

The CSS property to change the border of an element to YIQ 95.5940, -64.0470, -23.2070 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(20, 128, 127) }
```


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

```
.border{ border-color:rgb(20, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(20, 128,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 95.5940, -64.0470, -23.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 128, 127) }
```

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

```
.background{ background-color: rgb(20, 128,  
127) }
```

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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