

Converting Colors

YIQ(95.0280, 10.8240, -19.9600)

Have a look what the booklet for
YIQ(95.0280, 10.8240, -19.9600)
contains.

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Color

**YIQ(95.0280, 10.8240,
-19.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6931
RGB	93, 105, 49
RGB Percent	36%, 41%, 19%
CMY	0.6354, 0.5882, 0.8078
CMYK	0.11, 0.00, 0.53, 0.59
HSL	73°, 36%, 30%
HSV	73°, 53%, 41%
XYZ	10.1195, 12.6524, 4.8170
YIQ	95.0280, 10.8240, -19.9600

Conversions

Conversions Part 2

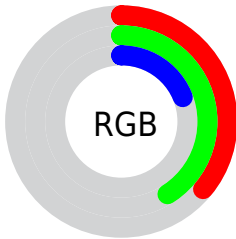
Format	Color
R_{YB}	49, 105, 61
Decimal	6121777
CIE _{Lab}	42.23, -14.03, 29.67
CIE _{LCh}	42, 32.821, 115.313
Yxy	12.6524, 0.3668, 0.4586
Android (android.graphics.Color)	4284311857 (0xFF5D6931)
YUV	95.0280, -22.6918, -1.7786
Hunter-Lab	35.5702, -11.4658, 16.8700

Details

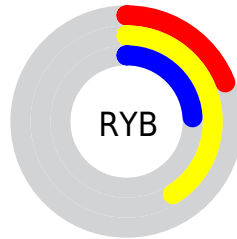
The YIQ color **95.0280, 10.8240, -19.9600** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.9720, -10.8240, 19.9600**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.9850, 12.3830, -20.6810**, and **47.7290, 10.2280, -20.1720** is the 20% darker color. If you saturate the color by 10%, you get **93.2900, 12.8420, -23.4940**, and if you desaturate by 10%, it is **96.8800, 8.4850, -16.1150**.

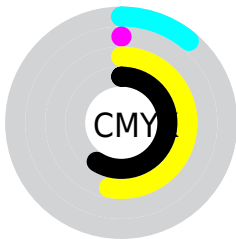
Distribution



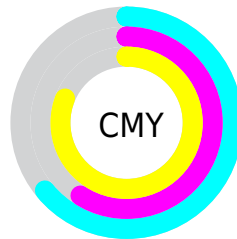
- Red (36%)
- Green (41%)
- Blue (19%)



- Red (19%)
- Yellow (41%)
- Blue (24%)



- Cyan (11%)
- Magenta (0%)
- Yellow (53%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.0280, 10.8240, -19.9600 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 95.0280, 10.8240, -19.9600 by changing the saturation by 10% instead.

95.0280, 10.8240,
-19.9600

95.0280, 10.8240,
-19.9600

255.0000, -0.0000,
-0.0000

71.1420, 10.5030,
-19.6490

145.9850, 12.3830,
-20.6810

47.7290, 10.2280,
-20.1720

172.4580, 12.4290,
-21.5150

28.0090, 3.8080,
-13.9520

200.2300, 13.0710,
-22.1370

8.8050, -4.1250,
-7.8450

228.1160, 13.3920,
-22.4480

0.0000, 0.0000,
0.0000

249.0720, 16.6920,
-16.1720

252.2640, 7.7040,

-7.4640

■ 95.0280, 10.8240,
-19.9600

■ 95.0280, 10.8240,
-19.9600

■ 93.2900, 12.8420,
-23.4940

■ 96.8800, 8.4850,
-16.1150

■ 91.1390, 14.5850,
-27.5510

■ 98.6180, 6.4670,
-12.5810

■ 89.4010, 16.6030,
-31.0850

■ 100.7690, 4.7240,
-8.5240

■ 87.5490, 18.9420,
-34.9300

■ 102.5070, 2.7060,
-4.9900

■ 86.1530, 19.9970,
-37.5310

■ 104.3590, 0.3670,
-1.1450

■ 106.3960, -1.0550,
2.6010

■ 108.2480, -3.3940,
6.4460

■ 109.9860, -5.4120,
9.9800

■ 111.8380, -7.7510,
13.8250

Harmonies

Analogous

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



97.9490, 30.4000, -11.2960



95.0280, 10.8240, -19.9600



90.8490, -16.5930, -24.1850

Triad

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



95.0280, 10.8240, -19.9600



80.9860, -76.4740, -12.7460



101.7090, 32.4570, 23.0250

Complementary

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



95.0280, 10.8240, -19.9600



58.9720, -10.8240, 19.9600

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.



102.8130, 11.7330, 24.1570



95.0280, 10.8240, -19.9600



91.0480, -52.6810, 2.0950

Square

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



95.0280, 10.8240, -19.9600



80.2390, -70.2370, -21.1570



100.5690, -17.0590, 17.3170



100.1150, 42.6370, 14.7410

Rectangle

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



95.0280, 10.8240, -19.9600



84.6920, -41.0760, -26.5160



100.5690, -17.0590, 17.3170



102.1260, 26.9090, 24.4530

Sweetspot

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



95.0280, 10.8240, -19.9600



133.9970, 4.0820, -7.9020



72.2010, 30.3510, 6.1190



66.6210, 2.3850, -4.6790



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



95.0280, 10.8240, -19.9600



122.2870, 16.9240, -31.3960



86.9550, -5.2680, -25.6840



52.7180, 0.7340, -2.2900



96.1870, 22.6570, -41.6870



201.2230, 47.0570, -87.4310

Inverse Universe

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



58.9720, -10.8240, 19.9600



65.4140, -17.5200, 31.1840



67.0450, 5.2680, 25.6840



48.9830, -1.3300, 2.0780



20.8130, -22.6570, 41.6870



43.7770, -47.0570, 87.4310

Previews

White Background



This preview shows how the YIQ color 95.0280, 10.8240, -19.9600 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 95.0280, 10.8240, -19.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

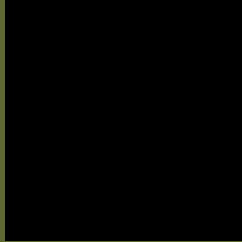
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.0280, 10.8240, -19.9600

Background



This preview shows how black text looks on a background with the YIQ color 95.0280, 10.8240, -19.9600.



This preview shows how white text looks on a background with the YIQ color 95.0280, 10.8240,

-19.9600.

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

95.0280, 10.8240, -19.9600

Protanopia

96.9480, 22.9730, -14.3630

Deuteranopia

98.1710, 29.8950, -7.6490



Tritanopia

100.2110, -1.9720, 2.7000

Trichromacy



Original Color

95.0280, 10.8240, -19.9600

Protanomaly

96.4420, 18.5260, -16.3700

Deuteranomaly

97.1160, 22.5600, -12.3840

Tritanomaly

98.0940, 2.4310, -5.5130

Monochromacy



Original Color

95.0280, 10.8240, -19.9600

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1110, 3.7610, -7.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.0280, 10.8240, -19.9600 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(93, 105, 49)` looks like.

```
.text, #text, p{  
    color:rgb(93, 105, 49)  
}
```

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(93, 105, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 105, 49) }
```

Border

The CSS property to change the border of an element to YIQ 95.0280, 10.8240, -19.9600 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(93, 105, 49) }
```


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

```
.border{ border-color:rgb(93, 105, 49) }
```

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

Here you see how a box with a 4 pixel rgb(93, 105, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 105, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 105, 49);  
box-shadow:4px 4px 4px 4px rgb(93, 105,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 95.0280, 10.8240, -19.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 105, 49) }
```

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

```
.background{ background-color: rgb(93, 105,  
49) }
```

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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