

Converting Colors

YIQ(97.2190, -13.6180, 4.5100)

Have a look what the booklet for
YIQ(97.2190, -13.6180, 4.5100)
contains.

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Color

**YIQ(97.2190, -13.6180,
4.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	576278
RGB	87, 98, 120
RGB Percent	34%, 38%, 47%
CMY	0.6588, 0.6157, 0.5295
CMYK	0.27, 0.18, 0.00, 0.53
HSL	220°, 16%, 41%
HSV	220°, 27%, 47%
XYZ	11.6874, 12.1180, 19.4865
YIQ	97.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

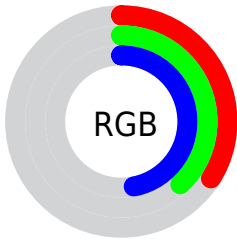
Format	Color
R_{YB}	87, 95, 120
Decimal	5726840
CIE _{Lab}	41.40, 1.21, -13.74
CIE _{LCh}	41, 13.790, 275.028
Yxy	12.1180, 0.2700, 0.2799
Android (android.graphics.Color)	4283916920 (0xFF576278)
YUV	97.2190, 11.2310, -8.9621
Hunter-Lab	34.8108, -0.9895, -8.8220

Details

The YIQ color **97.2190, -13.6180, 4.5100** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.7810, 13.6180, -4.5100**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0340, -14.5350, 4.6090**, and **50.5780, -13.2510, 3.3650** is the 20% darker color. If you saturate the color by 10%, you get **88.9350, -18.5700, 6.1500**, and if you desaturate by 10%, it is **105.5030, -8.6660, 2.8700**.

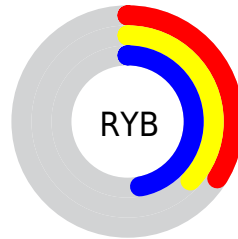
Distribution



Red (34%)

Green (38%)

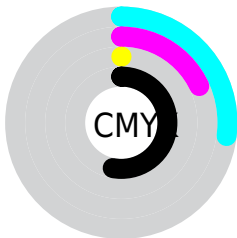
Blue (47%)



Red (34%)

Yellow (37%)

Blue (47%)

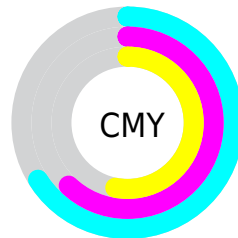


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (53%)



Cyan (66%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.2190, -13.6180, 4.5100 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 97.2190, -13.6180, 4.5100 by changing the saturation by 10% instead.

■ 97.2190, -13.6180,
4.5100

■ 97.2190, -13.6180,
4.5100

■ 255.0000, -0.0000,
-0.0000

■ 73.1050, -13.2970,
4.1990

■ 148.0340,
-14.5350, 4.6090

■ 50.5780, -13.2510,
3.3650

■ 174.5610,
-14.5810, 5.4430

■ 29.1650, -13.5260,
2.8420

■ 202.2620,
-15.1770, 5.2310

■ 6.7140, -10.6380,
5.5700

■ 230.1480,
-14.8560, 4.9200

■ 0.0000, 0.0000,
0.0000

■ 252.9070, -4.1720,
-1.4840

■ 97.2190, -13.6180,
4.5100

■ 97.2190, -13.6180,
4.5100

■ 88.9350, -18.5700,
6.1500

■ 105.5030, -8.6660,
2.8700

■ 80.6510, -23.5220,
7.7900

■ 113.7870, -3.7140,
1.2300

■ 72.3670, -28.4740,
9.4300

■ 122.0710, 1.2380,
-0.4100

■ 64.0830, -33.4260,
11.0700

■ 130.3550, 6.1900,
-2.0500

■ 55.7990, -38.3780,
12.7100

■ 138.6390, 11.1420,
-3.6900

■ 47.5150, -43.3300,
14.3500

■ 146.9230, 16.0940,
-5.3300

■ 39.2310, -48.2820,
15.9900

■ 155.2070, 21.0460,
-6.9700

■ 37.1600, -49.5200,

■ 163.4910, 25.9980,

16.4000

-8.6100

■ 171.7750, 30.9500,
-10.2500

Harmonies

Analogous

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



94.5660, -22.1450, -0.6490



97.2190, -13.6180, 4.5100



98.9000, -2.2940, 8.5380

Triad

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



97.2190, -13.6180, 4.5100



98.9870, 19.2100, 4.2820



94.1140, -9.4890, -9.7530

Complementary

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



97.2190, -13.6180, 4.5100



109.7810, 13.6180, -4.5100

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.



95.8010, 1.6980, -8.7500



97.2190, -13.6180, 4.5100



98.3410, 17.9730, -0.8350

Square

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



97.2190, -13.6180, 4.5100



99.6540, 15.9540, 8.2260



97.1720, 10.9590, -5.8810



92.9650, -19.2550, -8.9750

Rectangle

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



97.2190, -13.6180, 4.5100



99.8470, 5.2250, 9.9370



97.1720, 10.9590, -5.8810



94.8540, -5.8210, -10.1490

Sweetspot

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



97.2190, -13.6180, 4.5100



146.8300, -5.2730, 1.9510



108.7650, -15.8160, -10.7280



73.6730, -3.3930, 0.9190



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



97.2190, -13.6180, 4.5100



119.9070, -21.3670, 7.2810



92.2570, -7.6130, 11.3230



56.8580, -2.4760, 0.8200



38.9040, -51.6750, 16.9090



78.0360, -103.9920, 34.4400

Inverse Universe

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



98.1210, 16.1370, 10.4170



121.4860, 25.5350, 16.3110



114.7430, 7.6130, -11.3230



57.0220, 2.9340, 1.8940



42.1630, 61.0180, 39.5620



84.9240, 123.2280, 79.5480

Previews

White Background



This preview shows how the YIQ color 97.2190, -13.6180, 4.5100 looks on a white background.

Color Contrast Check

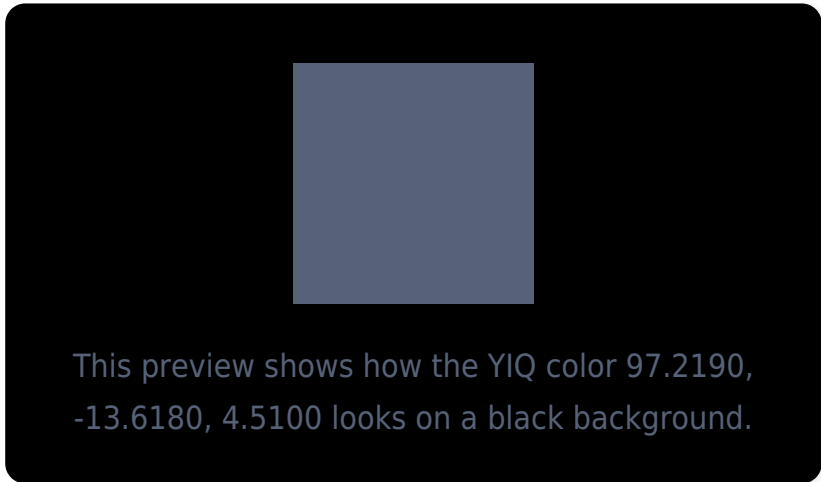
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

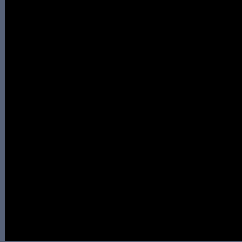
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

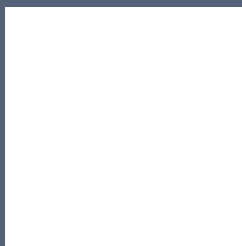
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 97.2190, -13.6180, 4.5100

Background



This preview shows how black text looks on a background with the YIQ color 97.2190, -13.6180, 4.5100.



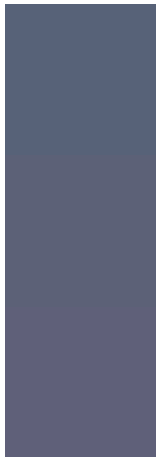
This preview shows how white text looks on a background with the YIQ color 97.2190, -13.6180,

4.5100.

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

97.2190, -13.6180, 4.5100

Protanopia

98.0130, -10.0420, 5.7820

Deuteranopia

98.5510, -8.6210, 7.5630



Tritanopia

96.4270, -11.5080, -0.6920

Trichromacy



Original Color

97.2190, -13.6180, 4.5100

Protanomaly

97.4150, -11.2340, 5.3580

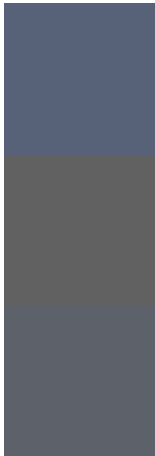
Deuteranomaly

98.2410, -10.6840, 6.4040

Tritanomaly

96.5950, -11.9210, 1.2870

Monochromacy



Original Color

97.2190, -13.6180, 4.5100

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7160, -4.9520, 1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.2190, -13.6180, 4.5100 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(87, 98, 120)` looks like.

```
.text, #text, p{  
    color:rgb(87, 98, 120)  
}
```

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(87, 98, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 98, 120) }
```

Border

The CSS property to change the border of an element to YIQ 97.2190, -13.6180, 4.5100 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(87, 98, 120) }
```


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

```
.border{ border-color:rgb(87, 98, 120) }
```

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

Here you see how a box with a 4 pixel rgb(87, 98, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 98, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 98, 120);  
box-shadow:4px 4px 4px 4px rgb(87, 98,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 97.2190, -13.6180, 4.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 98, 120) }
```

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

```
.background{ background-color: rgb(87, 98,  
120) }
```

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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