

Converting Colors

YIQ(16.6920, 3.6230, -5.0890)

Have a look what the booklet for
YIQ(16.6920, 3.6230, -5.0890)
contains.

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Color

**YIQ(16.6920, 3.6230,
-5.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	111304
RGB	17, 19, 4
RGB Percent	7%, 7%, 2%
CMY	0.9333, 0.9255, 0.9843
CMYK	0.11, 0.00, 0.79, 0.93
HSL	68°, 65%, 5%
HSV	68°, 79%, 7%
XYZ	0.4859, 0.5937, 0.2040
YIQ	16.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

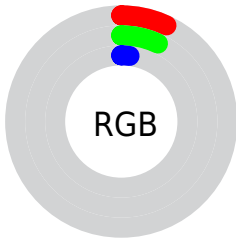
Format	Color
R _Y B	4, 19, 6
Decimal	1118980
CIE Lab	5.36, -3.21, 6.33
CIE LCh	5, 7.095, 116.894
Yxy	0.5937, 0.3786, 0.4625
Android (android.graphics.Color)	4279309060 (0xFF111304)
YUV	16.6920, -6.2572, 0.2701
Hunter-Lab	7.7051, -2.2265, 3.8236

Details

The YIQ color **16.6920, 3.6230, -5.0890** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **6.3080, -3.6230, 5.0890**, and the grayscale version is **17.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **59.2620, 2.0180, -3.5340**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.4640, 4.2650, -5.7110**, and if you desaturate by 10%, it is **16.9200, 2.9810, -4.4670**.

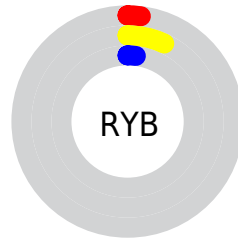
Distribution



Red (7%)

Green (7%)

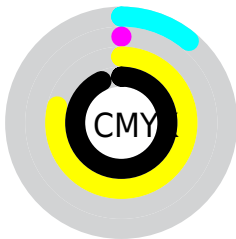
Blue (2%)



Red (2%)

Yellow (7%)

Blue (2%)

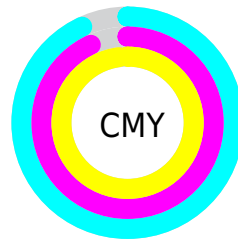


Cyan (11%)

Magenta (0%)

Yellow (79%)

Black (93%)



Cyan (93%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 16.6920, 3.6230, -5.0890 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 16.6920, 3.6230, -5.0890 by changing the saturation by 10% instead.

■ 16.6920, 3.6230,
-5.0890

■ 16.6920, 3.6230,
-5.0890

■ 240.8060, 3.3020,
-4.7780

■ 0.0000, 0.0000,
0.0000

■ 59.2620, 2.0180,
-3.5340

■ 82.1480, 2.3390,
-3.8450

■ 106.7350, 2.0640,
-4.3680

■ 132.0340, 2.6600,
-4.1560

■ 157.9200, 2.9810,
-4.4670

■ 184.9200, 2.9810,

-4.4670

■ 212.5070, 2.7060,
-4.9900

■ 16.6920, 3.6230,
-5.0890

■ 16.6920, 3.6230,
-5.0890

■ 16.4640, 4.2650,
-5.7110

■ 16.9200, 2.9810,
-4.4670

■ 15.9370, 4.3110,
-6.5450

■ 17.4470, 2.9350,
-3.6330

■ 17.6750, 2.2930,
-3.0110

■ 17.9030, 1.6510,
-2.3890

■ 18.1310, 1.0090,
-1.7670

■ 18.5440, 1.2840,
-1.2440

■ 18.7720, 0.6420,
-0.6220

■ 19.0000, -0.0000,
-0.0000

■ 19.2280, -0.6420,
0.6220

Harmonies

Analogous

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



17.0840, 8.3910, -3.3930



16.6920, 3.6230, -5.0890



15.5710, -3.3460, -5.4420

Triad

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



16.6920, 3.6230, -5.0890



15.6010, -12.0580, -1.7380



18.7560, 6.7390, 4.5230

Complementary

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



16.6920, 3.6230, -5.0890



6.3080, -3.6230, 5.0890

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.



18.7170, 2.4750, 4.7070



16.6920, 3.6230, -5.0890



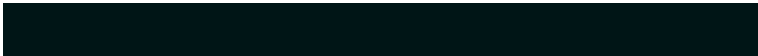
16.6340, -7.6570, 1.1030

Square

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



16.6920, 3.6230, -5.0890



14.8350, -12.8370, -4.1410



17.8520, -2.3390, 3.8450



18.2570, 9.5820, 2.5580

Rectangle

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



16.6920, 3.6230, -5.0890



14.9340, -8.8020, -5.6820



17.8520, -2.3390, 3.8450



18.5710, 5.8220, 4.6220

Sweetspot

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



16.6920, 3.6230, -5.0890



24.9030, 1.6510, -2.3890



9.6590, 8.3900, 2.1340



12.2450, 0.6880, -1.4560



140.0000, 0.0000, 0.0000



13.0000, -0.0000, -0.0000

Same Dimension

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



16.6920, 3.6230, -5.0890



21.9540, 5.6410, -8.6230



14.5990, -0.5490, -6.5730



9.8860, 0.3210, -0.3110



62.5740, 17.7940, -25.1340



170.3120, 49.0250, -68.0230

Inverse Universe

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



6.3080, -3.6230, 5.0890



5.0460, -5.6410, 8.6230



8.7000, 1.1450, 6.7850



9.1140, -0.3210, 0.3110



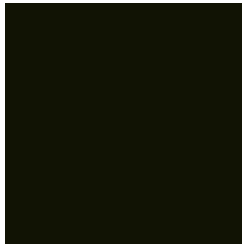
11.4260, -17.7940, 25.1340



30.9870, -48.4290, 68.2350

Previews

White Background



This preview shows how the YIQ color 16.6920, 3.6230, -5.0890 looks on a white background.

Color Contrast Check

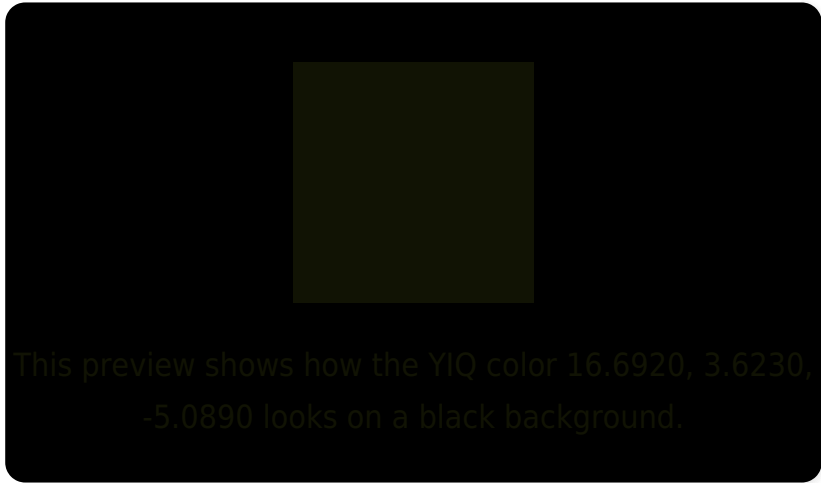
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 16.6920, 3.6230, -5.0890

Background



This preview shows how black text looks on a background with the YIQ color 16.6920, 3.6230, -5.0890.



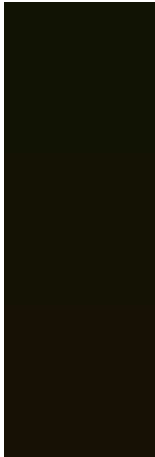
This preview shows how white text looks on a background with the YIQ color 16.6920, 3.6230,

-5.0890.

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

16.6920, 3.6230, -5.0890

Protanopia

17.0020, 5.6860, -3.9300

Deuteranopia

17.4260, 7.4280, -2.4600



Tritanopia

18.1140, -0.3210, 0.3110

Trichromacy



Original Color

16.6920, 3.6230, -5.0890

Protanomaly

16.7030, 5.0900, -4.1420

Deuteranomaly

17.4150, 5.9610, -3.4070

Tritanomaly

17.5440, 1.2840, -1.2440

Monochromacy



Original Color

16.6920, 3.6230, -5.0890

Achromatopsia

17.0000, -0.0000, 0.0000

Achromatomaly

17.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 16.6920, 3.6230, -5.0890 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(17, 19, 4)` looks like.

```
.text, #text, p{  
    color:rgb(17, 19, 4)  
}
```

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(17, 19, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 19, 4) }
```

Border

The CSS property to change the border of an element to YIQ 16.6920, 3.6230, -5.0890 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(17, 19, 4) }
```


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

```
.border{ border-color:rgb(17, 19, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 19, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 19, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(17, 19, 4); box-shadow:4px  
4px 4px 4px rgb(17, 19, 4) }
```

Background

The CSS property to change the background color of an element to YIQ 16.6920, 3.6230, -5.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 19, 4) }
```

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

```
.background{ background-color: rgb(17, 19,  
4) }
```

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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