

Converting Colors

YIQ(30.6090, -6.5090, -8.6930)

Have a look what the booklet for
YIQ(30.6090, -6.5090, -8.6930)
contains.

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Color

**YIQ(30.6090, -6.5090,
-8.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	132617
RGB	19, 38, 23
RGB Percent	7%, 15%, 9%
CMY	0.9255, 0.8509, 0.9098
CMYK	0.50, 0.00, 0.39, 0.85
HSL	133°, 33%, 11%
HSV	133°, 50%, 15%
XYZ	1.1163, 1.5869, 1.0579
YIQ	30.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

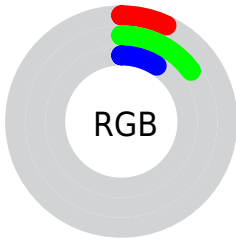
Format	Color
R_{YB}	19, 35, 38
Decimal	1254935
CIE _{Lab}	13.15, -11.99, 7.58
CIE _{LCh}	13, 14.190, 147.700
Yxy	1.5869, 0.2968, 0.4219
Android (android.graphics.Color)	4279445015 (0xFF132617)
YUV	30.6090, -3.7512, -10.1811
Hunter-Lab	12.5972, -6.2277, 3.8390

Details

The YIQ color **30.6090, -6.5090, -8.6930** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **26.3910, 6.5090, 8.6930**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **74.7830, -7.0590, -9.7390**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0710, -7.9300, -10.4740**, and if you desaturate by 10%, it is **32.1470, -5.0880, -6.9120**.

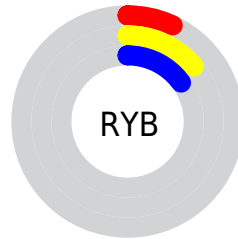
Distribution



Red (7%)

Green (15%)

Blue (9%)



Red (7%)

Yellow (14%)

Blue (15%)

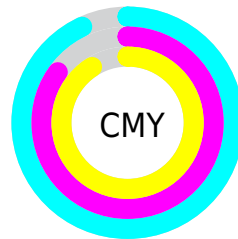


Cyan (50%)

Magenta (0%)

Yellow (39%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.6090, -6.5090, -8.6930 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 30.6090, -6.5090, -8.6930 by changing the saturation by 10% instead.

■ 30.6090, -6.5090,
-8.6930

■ 30.6090, -6.5090,
-8.6930

■ 251.6250, -3.4380,
-3.7740

■ 10.5660, -4.9500,
-9.4140

■ 74.7830, -7.0590,
-9.7390

■ 0.0000, 0.0000,
0.0000

■ 98.6690, -6.7380,
-10.0500

■ 123.9570, -7.6090,
-10.7850

■ 149.8430, -7.2880,
-11.0960

■ 176.4300, -7.5630,
-11.6190

■ 203.5440, -7.8840,

-11.3080

■ 232.0170, -7.8380,
-12.1420

■ 30.6090, -6.5090,
-8.6930

■ 30.6090, -6.5090,
-8.6930

■ 29.0710, -7.9300,
-10.4740

■ 32.1470, -5.0880,
-6.9120

■ 27.5330, -9.3510,
-12.2550

■ 33.6850, -3.6670,
-5.1310

■ 26.2940, -10.1760,
-13.8240

■ 34.9240, -2.8420,
-3.5620

■ 24.7560, -11.5970,
-15.6050

■ 36.4620, -1.4210,
-1.7810

■ 23.2180, -13.0180,
-17.3860

■ 38.0000, -0.0000,
-0.0000

■ 39.5380, 1.4210,
1.7810

■ 41.0760, 2.8420,
3.5620

■ 42.3150, 3.6670,
5.1310

■ 43.8530, 5.0880,
6.9120

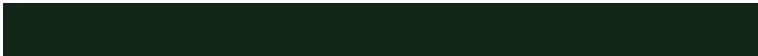
Harmonies

Analogous

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



32.1110, 3.7610, -7.5910



30.6090, -6.5090, -8.6930



28.1500, -18.3380, -9.0740

Triad

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



30.6090, -6.5090, -8.6930



31.6700, -16.5060, 1.7820



34.5460, 16.1380, 4.8900

Complementary

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



30.6090, -6.5090, -8.6930



26.3910, 6.5090, 8.6930

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.



34.8000, 12.6070, 8.3110



30.6090, -6.5090, -8.6930



34.7640, -4.9070, 6.3330

Square

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



30.6090, -6.5090, -8.6930



28.0060, -26.5000, -4.3240



34.9070, 4.9960, 8.5800



34.1990, 15.4970, -0.0150

Rectangle

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



30.6090, -6.5090, -8.6930



27.3390, -23.2440, -8.2680



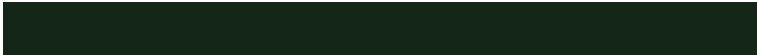
34.9070, 4.9960, 8.5800



34.3010, 15.4500, 6.3460

Sweetspot

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



30.6090, -6.5090, -8.6930



45.3370, -2.5670, -3.0390



34.6380, 3.7150, -6.7570



24.0490, -1.6960, -2.3040



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



30.6090, -6.5090, -8.6930



36.8210, -10.2220, -12.9900



31.6350, -9.3980, -5.8940



17.1740, -0.5500, -1.0460



50.0720, -28.0070, -37.5990



127.6990, -71.5990, -95.6230

Inverse Universe

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



26.3910, 6.5090, 8.6930



30.2930, 9.9010, 13.3010



25.3650, 9.3980, 5.8940



16.7120, 0.8710, 0.7350



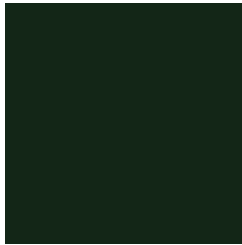
31.8140, 28.3280, 37.2880



81.3010, 71.5990, 95.6230

Previews

White Background



This preview shows how the YIQ color 30.6090, -6.5090, -8.6930 looks on a white background.

Color Contrast Check

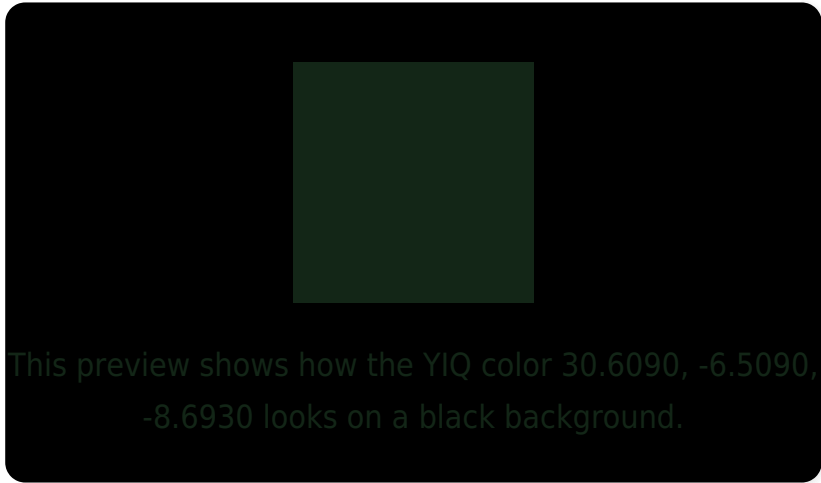
Large Text (above 18pt) WCAG AA ✓ Pass

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

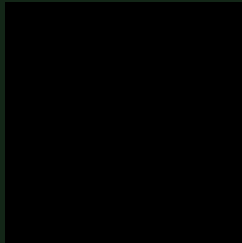
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.6090, -6.5090, -8.6930

Background



This preview shows how black text looks on a background with the YIQ color 30.6090, -6.5090, -8.6930.



This preview shows how white text looks on a background with the YIQ color 30.6090, -6.5090, -8.6930.

-8.6930.

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

30.6090, -6.5090, -8.6930

Protanopia

33.4150, 5.9610, -3.4070

Deuteranopia

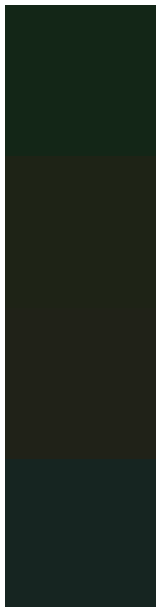
33.4800, 7.3360, -0.7920



Tritanopia

32.4550, -8.7110, -1.8230

Trichromacy



Original Color

30.6090, -6.5090, -8.6930

Protanomaly

32.0230, 1.1930, -5.1030

Deuteranomaly

32.2620, 2.0180, -3.5340

Tritanomaly

32.0590, -7.6560, -4.4240

Monochromacy



Original Color

30.6090, -6.5090, -8.6930

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.6090, -6.5090, -8.6930 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(19, 38, 23)` looks like.

```
.text, #text, p{  
    color:rgb(19, 38, 23)  
}
```

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(19, 38, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 38, 23) }
```

Border

The CSS property to change the border of an element to YIQ 30.6090, -6.5090, -8.6930 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(19, 38, 23) }
```


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

```
.border{ border-color:rgb(19, 38, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 38, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 38, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 38, 23);  
box-shadow:4px 4px 4px 4px rgb(19, 38, 23)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.6090, -6.5090, -8.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 38, 23) }
```

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

```
.background{ background-color: rgb(19, 38,  
23) }
```

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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