

Converting Colors

YIQ(30.1220, 5.2280, -6.6440)

Have a look what the booklet for
YIQ(30.1220, 5.2280, -6.6440)
contains.

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Color

**YIQ(30.1220, 5.2280,
-6.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	1F210D
RGB	31, 33, 13
RGB Percent	12%, 13%, 5%
CMY	0.8784, 0.8706, 0.9490
CMYK	0.06, 0.00, 0.61, 0.87
HSL	66°, 43%, 9%
HSV	66°, 61%, 13%
XYZ	1.1815, 1.4081, 0.5906
YIQ	30.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

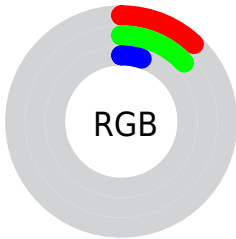
Format	Color
RYB	13, 33, 15
Decimal	2040077
CIELab	12.01, -4.91, 12.26
CIElCh	12, 13.209, 111.834
Yxy	1.4081, 0.3715, 0.4428
Android (android.graphics.Color)	4280230157 (0xFF1F210D)
YUV	30.1220, -8.4411, 0.7700
Hunter-Lab	11.8662, -2.9926, 5.3554

Details

The YIQ color **30.1220, 5.2280, -6.6440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.8780, -5.2280, 6.6440**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **74.0080, 5.5490, -6.9550**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.7800, 6.1910, -7.5770**, and if you desaturate by 10%, it is **30.4640, 4.2650, -5.7110**.

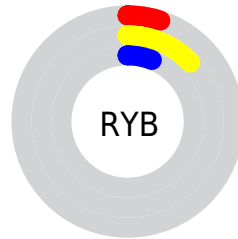
Distribution



Red (12%)

Green (13%)

Blue (5%)



Red (5%)

Yellow (13%)

Blue (6%)

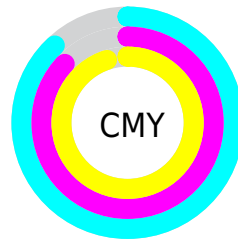


Cyan (6%)

Magenta (0%)

Yellow (61%)

Black (87%)



Cyan (88%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.1220, 5.2280, -6.6440 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 30.1220, 5.2280, -6.6440 by changing the saturation by 10% instead.

■ 30.1220, 5.2280,
-6.6440

■ 30.1220, 5.2280,
-6.6440

■ 252.9480, 5.7780,
-5.5980

■ 6.4570, -3.0250,
-5.7530

■ 74.0080, 5.5490,
-6.9550

■ 0.0000, 0.0000,
0.0000

■ 97.8940, 5.8700,
-7.2660

■ 122.7800, 6.1910,
-7.5770

■ 148.6660, 6.5120,
-7.8880

■ 174.9650, 7.1080,
-7.6760

■ 202.5520, 6.8330,

-8.1990

■ 230.4380, 7.1540,
-8.5100

■ 30.1220, 5.2280,
-6.6440

■ 30.1220, 5.2280,
-6.6440

■ 29.7800, 6.1910,
-7.5770

■ 30.4640, 4.2650,
-5.7110

■ 29.0250, 6.8790,
-9.0330

■ 31.2190, 3.5770,
-4.2550

■ 28.6830, 7.8420,
-9.9660

■ 31.5610, 2.6140,
-3.3220

■ 28.3410, 8.8050,
-10.8990

■ 31.9030, 1.6510,
-2.3890

■ 32.6580, 0.9630,
-0.9330

■ 33.0000, -0.0000,
-0.0000

■ 33.3420, -0.9630,
0.9330

■ 33.9830, -1.3300,
2.0780

■ 34.4390, -2.6140,
3.3220

Harmonies

Analogous

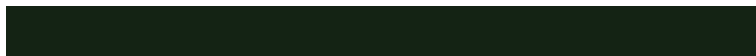
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9380, 11.7380, -3.4780



30.1220, 5.2280, -6.6440



28.8050, -4.1250, -7.8450

Triad

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



30.1220, 5.2280, -6.6440



25.7890, -24.3910, -3.9990



32.6040, 10.2230, 7.4630

Complementary

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



30.1220, 5.2280, -6.6440



15.8780, -5.2280, 6.6440

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.



33.0100, 3.2080, 7.9440



30.1220, 5.2280, -6.6440



28.8440, -17.0560, 0.7360

Square

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



30.1220, 5.2280, -6.6440



25.4640, -22.0980, -7.0100



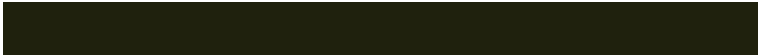
31.7530, -6.3740, 5.3860



32.1760, 14.3040, 5.0880

Rectangle

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



30.1220, 5.2280, -6.6440



27.6840, -11.0940, -8.1980



31.7530, -6.3740, 5.3860



32.6470, 8.6640, 8.1840

Sweetspot

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



30.1220, 5.2280, -6.6440



42.2020, 2.2470, -2.1770



20.1540, 11.3700, 3.1940



22.1310, 1.0090, -1.7670



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



30.1220, 5.2280, -6.6440



38.5690, 8.1630, -10.2770



27.1320, -0.7320, -8.7640



14.8860, 0.3210, -0.3110



67.6020, 20.5910, -26.2650



177.1230, 53.9310, -68.8290

Inverse Universe

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



15.8780, -5.2280, 6.6440



16.4310, -8.1630, 10.2770



18.8680, 0.7320, 8.7640



14.1140, -0.3210, 0.3110



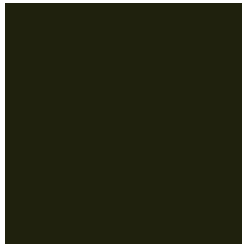
11.3980, -20.5910, 26.2650



29.8770, -53.9310, 68.8290

Previews

White Background



This preview shows how the YIQ color 30.1220, 5.2280, -6.6440 looks on a white background.

Color Contrast Check

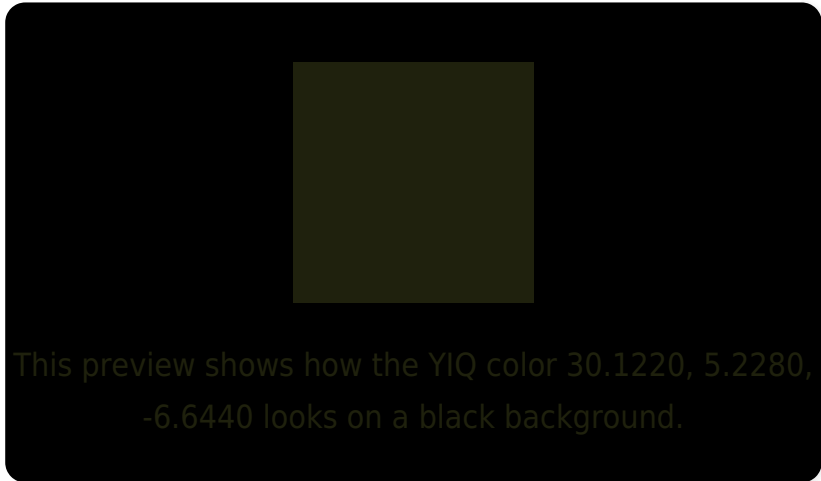
Large Text (above 18pt) WCAG AA ✓ Pass

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

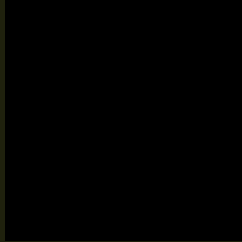
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.1220, 5.2280, -6.6440

Background



This preview shows how black text looks on a background with the YIQ color 30.1220, 5.2280, -6.6440.



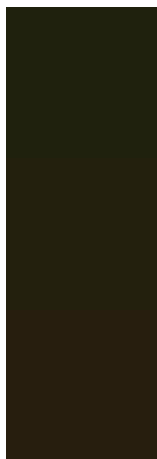
This preview shows how white text looks on a background with the YIQ color 30.1220, 5.2280,

-6.6440.

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

30.1220, 5.2280, -6.6440

Protanopia

30.7310, 7.8870, -5.2730

Deuteranopia

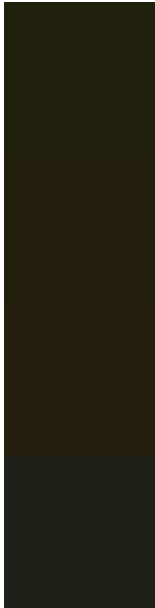
30.8670, 10.5000, -3.0680



Tritanopia

31.8260, 0.5500, 1.0460

Trichromacy



Original Color

30.1220, 5.2280, -6.6440

Protanomaly

30.4320, 7.2910, -5.4850

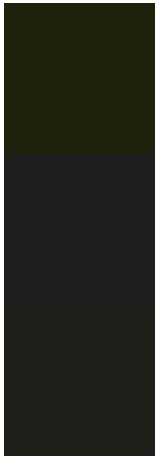
Deuteranomaly

30.5570, 8.4370, -4.2270

Tritanomaly

31.3160, 1.9260, -1.8660

Monochromacy



Original Color

30.1220, 5.2280, -6.6440

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.9030, 1.6510, -2.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.1220, 5.2280, -6.6440 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(31, 33, 13)` looks like.

```
.text, #text, p{  
    color:rgb(31, 33, 13)  
}
```

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(31, 33, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 33, 13) }
```

Border

The CSS property to change the border of an element to YIQ 30.1220, 5.2280, -6.6440 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(31, 33, 13) }
```


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

```
.border{ border-color:rgb(31, 33, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 33, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 33, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 33, 13);  
box-shadow:4px 4px 4px 4px rgb(31, 33, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.1220, 5.2280, -6.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 33, 13) }
```

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

```
.background{ background-color: rgb(31, 33,  
13) }
```

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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