

Converting Colors

YIQ(116.3020, -21.8220,
-12.0140)

Have a look what the booklet for
YIQ(116.3020, -21.8220, -12.0140)
contains.

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Color

**YIQ(116.3020, -21.8220,
-12.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	588278
RGB	88, 130, 120
RGB Percent	35%, 51%, 47%
CMY	0.6550, 0.4901, 0.5295
CMYK	0.32, 0.00, 0.08, 0.49
HSL	166°, 19%, 43%
HSV	166°, 32%, 51%
XYZ	15.3959, 19.3989, 20.6958
YIQ	116.3020, -21.8220, -12.0140

Conversions

Conversions Part 2

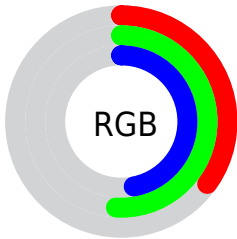
Format	Color
RYB	88, 112, 130
Decimal	5800568
CIELab	51.15, -16.88, 0.78
CIElCh	51, 16.903, 177.341
Yxy	19.3989, 0.2774, 0.3496
Android (android.graphics.Color)	4283990648 (0xFF588278)
YUV	116.3020, 1.8231, -24.8209
Hunter-Lab	44.0442, -14.6818, 2.9713

Details

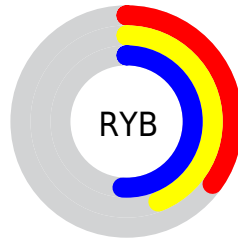
The YIQ color **116.3020, -21.8220, -12.0140** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **101.6980, 21.8220, 12.0140**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5900, -22.6930, -12.7490**, and **67.1280, -21.2720, -10.9680** is the 20% darker color. If you saturate the color by 10%, you get **112.0730, -28.6070, -15.7030**, and if you desaturate by 10%, it is **120.5310, -15.0370, -8.3250**.

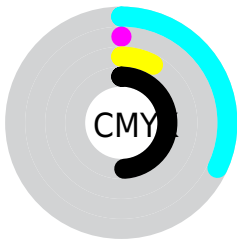
Distribution



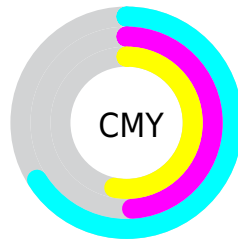
- Red (35%)
- Green (51%)
- Blue (47%)



- Red (35%)
- Yellow (44%)
- Blue (51%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (49%)



- Cyan (66%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.3020, -21.8220, -12.0140 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 116.3020, -21.8220, -12.0140 by changing the saturation by 10% instead.

■ 116.3020,
-21.8220, -12.0140

■ 116.3020,
-21.8220, -12.0140

■ 255.0000, -0.0000,
-0.0000

■ 91.3020, -21.8220,
-12.0140

■ 168.5900,
-22.6930, -12.7490

■ 67.1280, -21.2720,
-10.9680

■ 196.1770,
-22.9680, -13.2720

■ 43.5300, -22.4640,
-11.3920

■ 224.2910,
-23.2890, -12.9610

■ 24.3240, -18.8880,
-10.1200

■ 245.1330,
-19.6680, -6.9960

■ 4.9240, -2.8420,
-3.5620

■ 253.8040, -2.3840,
-0.8480

■ 0.0000, 0.0000,
0.0000

■ 116.3020,
-21.8220, -12.0140

■ 116.3020,
-21.8220, -12.0140

■ 112.0730,
-28.6070, -15.7030

■ 120.5310,
-15.0370, -8.3250

■ 107.8440,
-35.3920, -19.3920

■ 124.7600, -8.2520,
-4.6360

■ 103.6150,
-42.1770, -23.0810

■ 128.9890, -1.4670,
-0.9470

■ 99.3860, -48.9620,
-26.7700

■ 133.2180, 5.3180,
2.7420

■ 95.0430, -55.4260,
-30.7700

■ 137.5610, 11.7820,
6.7420

■ 90.8140, -62.2110,
-34.4590

■ 141.7900, 18.5670,
10.4310

■ 87.5960, -67.5290,
-37.2010

■ 146.0190, 25.3520,
14.1200

■ 150.2480, 32.1370,

17.8090

■ 154.4770, 38.9220,
21.4980

Harmonies

Analogous

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



117.7180, -8.4340, -12.3540



116.3020, -21.8220, -12.0140



115.9190, -30.8090, -8.8330

Triad

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



116.3020, -21.8220, -12.0140



123.3880, -6.6040, 9.5560



122.9180, 23.6580, 0.7620

Complementary

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



116.3020, -21.8220, -12.0140



101.6980, 21.8220, 12.0140

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.



123.3190, 24.2070, 7.3350



116.3020, -21.8220, -12.0140



124.2110, 7.1960, 12.7640

Square

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



116.3020, -21.8220, -12.0140



120.6850, -20.8620, 3.6340



124.4310, 18.2000, 11.5760



121.1080, 17.0110, -5.4290

Rectangle

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



116.3020, -21.8220, -12.0140



116.5540, -31.0390, -4.6630



124.4310, 18.2000, 11.5760



122.6840, 24.4370, 3.1650

Sweetspot

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



116.3020, -21.8220, -12.0140



162.4610, -8.8480, -4.8480



115.6440, -5.5900, -19.8460



80.7820, -5.3180, -2.7420



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



116.3020, -21.8220, -12.0140



146.8550, -33.9250, -18.4450



111.5720, -22.2820, -3.6740



61.6790, -3.5300, -2.1060



86.1940, -66.3370, -36.7770



0.0000, 0.0000, 0.0000

Inverse Universe

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



101.6980, 21.8220, 12.0140



124.1450, 33.9250, 18.4450



106.4280, 22.2820, 3.6740



59.3210, 3.5300, 2.1060



41.6920, 66.6580, 36.4660



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 116.3020, -21.8220, -12.0140 looks on a white 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

Black Background



This preview shows how the YIQ color 116.3020, -21.8220, -12.0140 looks on a black 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

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

YIQ 116.3020, -21.8220, -12.0140 Background



This preview shows how black text looks on a background with the YIQ color 116.3020, -21.8220, -12.0140.



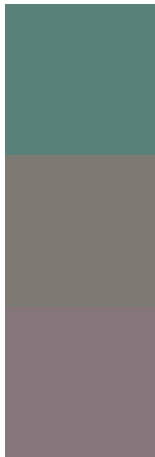
This preview shows how white text looks on a background with the YIQ color 116.3020, -21.8220, -12.0140.

-12.0140.

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

116.3020, -21.8220, -12.0140

Protanopia

121.5120, 4.3100, -1.0180

Deuteranopia

122.7560, 6.7390, 4.5230



Tritanopia

117.7890, -24.3910, -3.9990

Trichromacy



Original Color

116.3020, -21.8220, -12.0140

Protanomaly

119.6140, -4.9050, -4.7210

Deuteranomaly

120.2060, -3.5760, -1.2720

Tritanomaly

117.2790, -23.0150, -6.9110

Monochromacy



Original Color

116.3020, -21.8220, -12.0140

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.0590, -7.6560, -4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.3020, -21.8220, -12.0140 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(88, 130, 120)` looks like.

```
.text, #text, p{  
    color:rgb(88, 130, 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(88, 130, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 130, 120) }
```

Border

The CSS property to change the border of an element to YIQ 116.3020, -21.8220, -12.0140 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(88, 130, 120) }
```


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

```
.border{ border-color:rgb(88, 130, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 130, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 130, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 130, 120);  
box-shadow:4px 4px 4px 4px rgb(88, 130,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 116.3020, -21.8220, -12.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 130, 120) }
```

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

```
.background{ background-color: rgb(88, 130,  
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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