

Converting Colors

YIQ(46.3230, -32.0600, 63.4280)

Have a look what the booklet for
YIQ(46.3230, -32.0600, 63.4280)
contains.

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Color

**YIQ(46.3230, -32.0600,
63.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	370EBE
RGB	55, 14, 190
RGB Percent	22%, 5%, 75%
CMY	0.7841, 0.9452, 0.2552
CMYK	0.71, 0.93, 0.00, 0.26
HSL	254°, 86%, 40%
HSV	254°, 93%, 74%
XYZ	11.0222, 4.8421, 49.0304
YIQ	46.3230, -32.0600, 63.4280

Conversions

Conversions Part 2

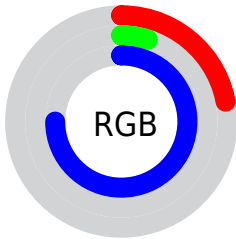
Format	Color
R_{YB}	55, 14, 190
Decimal	3608254
CIE _{Lab}	26.28, 61.58, -80.40
CIE _{LCh}	26, 101.275, 307.451
Yxy	4.8421, 0.1698, 0.0746
Android (android.graphics.Color)	4281798334 (0xFF370EBE)
YUV	46.3230, 70.8328, 7.6097
Hunter-Lab	22.0048, 50.9020, -116.7047

Details

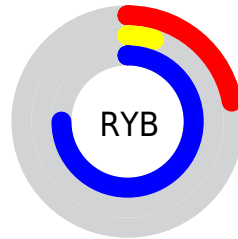
The YIQ color **46.3230, -32.0600, 63.4280** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **157.6770, 32.0600, -63.4280**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.7260, -25.8250, 66.0710**, and **15.3900, -43.3350, 41.9850** is the 20% darker color. If you saturate the color by 10%, you get **34.8160, -34.7660, 68.4180**, and if you desaturate by 10%, it is **61.9610, -28.3450, 56.6710**.

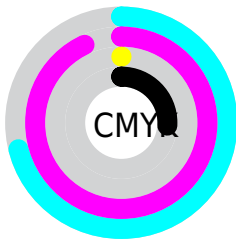
Distribution



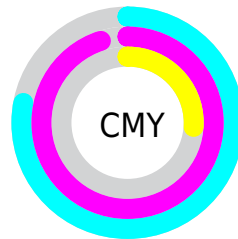
- Red (22%)
- Green (5%)
- Blue (75%)



- Red (22%)
- Yellow (5%)
- Blue (75%)



- Cyan (71%)
- Magenta (93%)
- Yellow (0%)
- Black (26%)



- Cyan (78%)
- Magenta (95%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.3230, -32.0600, 63.4280 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 46.3230, -32.0600, 63.4280 by changing the saturation by 10% instead.

■ 46.3230, -32.0600,
63.4280

■ 46.3230, -32.0600,
63.4280

■ 255.0000, -0.0000,
-0.0000

■ 18.4680, -52.0020,
50.3820

■ 106.7260,
-25.8250, 66.0710

■ 15.3900, -43.3350,
41.9850

■ 132.0550,
-16.7460, 61.2220

■ 12.3120, -34.6680,
33.5880

■ 157.1730, -5.6950,
53.6730

■ 14.7450, -29.1180,
21.1060

■ 181.9920, 4.7600,
45.9120

■ 10.2480, -20.5890,
15.2110

■ 207.1100, 15.8110,
38.3630

■ 5.2780, -12.1060,
10.1500


■ 226.8240, 13.2000,


■ 1.3680, -3.8520,


25.1040


3.7320


 243.2600, 5.5000,
10.4600


 0.0000, 0.0000,
0.0000


 46.3230, -32.0600,
63.4280


 46.3230, -32.0600,
63.4280


 34.8160, -34.7660,
68.4180

 61.9610, -28.3450,
56.6710

 77.3000, -25.2260,
49.7020

 92.9380, -21.5110,
42.9450

 108.2770,
-18.3920, 35.9760

 123.9150,
-14.6770, 29.2190

■ 139.2540,
-11.5580, 22.2500

■ 154.8920, -7.8430,
15.4930

■ 170.5300, -4.1280,
8.7360

■ 185.8690, -1.0090,
1.7670

Harmonies

Analogous

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



67.8000, -91.7040, 32.0080



46.3230, -32.0600, 63.4280



61.5630, 55.2810, 71.9610

Triad

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



46.3230, -32.0600, 63.4280



52.0280, 64.6910, 11.5310



59.1290, -49.3760, -19.2640

Complementary

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



46.3230, -32.0600, 63.4280



157.6770, 32.0600, -63.4280

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.



48.7210, -22.8250, -43.4090



46.3230, -32.0600, 63.4280



56.6820, 17.6100, -21.7980

Square

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



46.3230, -32.0600, 63.4280



49.0360, 97.7440, 34.7680



46.3730, -21.7250, -41.3170



69.6680, -74.9180, 3.1140

Rectangle

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



46.3230, -32.0600, 63.4280



62.1420, 83.8470, 60.8630



46.3730, -21.7250, -41.3170



56.0510, -40.7090, -27.6610

Sweetspot

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



46.3230, -32.0600, 63.4280



190.6500, -12.6130, 24.8510



113.3090, -93.6210, -15.8690



89.8920, -7.8430, 15.4930



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



46.3230, -32.0600, 63.4280



45.5000, -44.7190, 89.1130



72.6350, 20.3880, 82.0840



86.6240, -1.6970, 3.2230



29.0750, -28.6660, 56.9820



5.6270, -5.7790, 11.1250

Inverse Universe

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



82.0140, 61.5610, 79.2970



95.5130, 86.2220, 111.4540



131.3650, -20.3880, -82.0840



88.4890, 3.1170, 4.0850



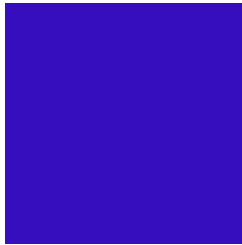
61.0360, 55.3270, 71.1270



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 46.3230, -32.0600, 63.4280 looks on a white background.

Color Contrast Check

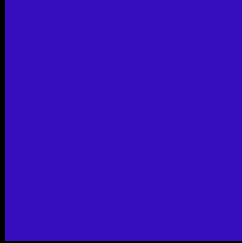
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 46.3230, -32.0600, 63.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

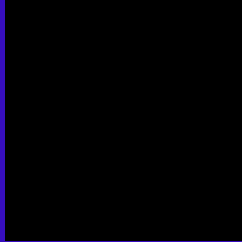
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.3230, -32.0600, 63.4280

Background



This preview shows how black text looks on a background with the YIQ color 46.3230, -32.0600, 63.4280.



This preview shows how white text looks on a background with the YIQ color 46.3230, -32.0600,

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

46.3230, -32.0600, 63.4280

Protanopia

50.3990, -57.8630, 7.9050

Deuteranopia

50.5810, -52.8640, -0.0960



Tritanopia

49.5260, -43.0040, -13.5960

Trichromacy



Original Color

46.3230, -32.0600, 63.4280

Protanomaly

49.0220, -48.6510, 28.1890

Deuteranomaly

48.7140, -45.0280, 23.1000

Tritanomaly

48.5540, -39.0660, 14.1660

Monochromacy



Original Color

46.3230, -32.0600, 63.4280

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

45.7810, -11.6040, 23.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.3230, -32.0600, 63.4280 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(55, 14, 190)` looks like.

```
.text, #text, p{  
    color:rgb(55, 14, 190)  
}
```

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(55, 14, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 14, 190) }
```

Border

The CSS property to change the border of an element to YIQ 46.3230, -32.0600, 63.4280 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(55, 14, 190) }
```


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

```
.border{ border-color:rgb(55, 14, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 14, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 14, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 14, 190);  
box-shadow:4px 4px 4px 4px rgb(55, 14,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 46.3230, -32.0600, 63.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 14, 190) }
```

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

```
.background{ background-color: rgb(55, 14,  
190) }
```

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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