

Converting Colors

YIQ(30.1280, -62.5480, 54.2840)

Have a look what the booklet for
YIQ(30.1280, -62.5480, 54.2840)
contains.

YIQ(30.1280, -62.5480, 54.2840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(30.1280, -62.5480,
54.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	040CC0
RGB	4, 12, 192
RGB Percent	2%, 5%, 75%
CMY	0.9841, 0.9530, 0.2474
CMYK	0.98, 0.94, 0.00, 0.25
HSL	237°, 96%, 38%
HSV	237°, 98%, 75%
XYZ	9.6854, 4.0904, 50.0908
YIQ	30.1280, -62.5480, 54.2840

Conversions

Conversions Part 2

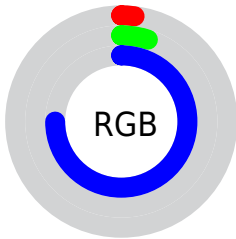
Format	Color
R _Y B	4, 12, 192
Decimal	265408
CIE Lab	23.97, 61.26, -85.48
CIE LCh	24, 105.170, 305.629
Yxy	4.0904, 0.1516, 0.0640
Android (android.graphics.Color)	4278455488 (0xFF040CC0)
YUV	30.1280, 79.8029, -22.9143
Hunter-Lab	20.2247, 50.0881, -132.6870

Details

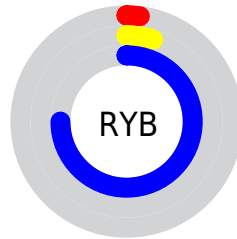
The YIQ color **30.1280, -62.5480, 54.2840** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **165.8720, 62.5480, -54.2840**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **98.6260, -37.2870, 64.5450**, and **15.6180, -43.9770, 42.6070** is the 20% darker color. If you saturate the color by 10%, you get **26.5840, -63.8320, 55.5280**, and if you desaturate by 10%, it is **46.3750, -56.1740, 48.8980**.

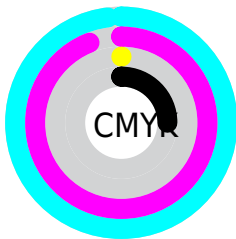
Distribution



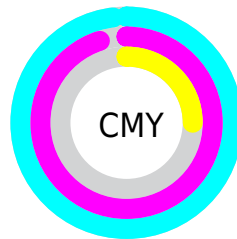
- Red (2%)
- Green (5%)
- Blue (75%)



- Red (2%)
- Yellow (5%)
- Blue (75%)



- Cyan (98%)
- Magenta (94%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.1280, -62.5480, 54.2840 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 30.1280, -62.5480, 54.2840 by changing the saturation by 10% instead.

■ 30.1280, -62.5480,
54.2840

■ 30.1280, -62.5480,
54.2840

■ 255.0000, -0.0000,
-0.0000

■ 18.6960, -52.6440,
51.0040

■ 98.6260, -37.2870,
64.5450

■ 15.6180, -43.9770,
42.6070

■ 124.3250,
-26.3740, 59.4980

■ 12.5400, -35.3100,
34.2100

■ 148.8560,
-15.0480, 52.4720

■ 16.6200, -30.2640,
19.8480

■ 174.2730, -3.4010,
45.1350

■ 10.3620, -20.9100,
15.5220

■ 199.3910, 7.6500,
37.5860

■ 5.5060, -12.7480,
10.7720


■ 223.3020, 14.8500,


■ 2.1830, -4.7690,


28.2420


3.8310


 240.3250, 6.8750,
13.0750


 0.0000, 0.0000,
0.0000


 30.1280, -62.5480,
54.2840


 30.1280, -62.5480,
54.2840


 26.5840, -63.8320,
55.5280

 46.3750, -56.1740,
48.8980

 63.2090, -50.0750,
42.9890

 79.7550, -43.1050,
37.8150

 96.5890, -37.0060,
31.9060

 112.8360,
-30.6320, 26.5200

■ 129.0830,
-24.2580, 21.1340

■ 145.9170,
-18.1590, 15.2250

■ 162.4630,
-11.1890, 10.0510

■ 178.7100, -4.8150,
4.6650

Harmonies

Analogous

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



66.6260, -91.1540, 33.0540



30.1280, -62.5480, 54.2840



59.6980, 50.4670, 71.0990

Triad

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



30.1280, -62.5480, 54.2840



40.8640, 68.4490, 20.5210



55.0540, -44.7910, -19.7590

Complementary

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



30.1280, -62.5480, 54.2840



165.8720, 62.5480, -54.2840

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.



45.1990, -21.1750, -40.2710



30.1280, -62.5480, 54.2840



52.5620, 18.0680, -19.0840

Square

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



30.1280, -62.5480, 54.2840



48.4380, 96.5520, 34.3440



42.8510, -20.0750, -38.1790



65.3480, -71.0210, 4.0750

Rectangle

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



30.1280, -62.5480, 54.2840



60.6470, 80.8670, 59.8030



42.8510, -20.0750, -38.1790



51.2750, -35.5280, -27.9440

Sweetspot

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



30.1280, -62.5480, 54.2840



187.0830, -24.2580, 21.1340



134.7620, -109.1590, -42.6550



87.1900, -14.6740, 12.6380



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.



30.1280, -62.5480, 54.2840



34.9570, -83.2750, 71.9970



50.8470, -9.6880, 76.4880



88.7270, -3.4850, 2.5870



22.4630, -53.6060, 46.4100



4.3490, -10.8680, 9.7400

Inverse Universe

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



61.1240, 109.4800, 42.3440



76.0040, 145.4690, 56.4210



145.1530, 9.6880, -76.4880



90.1040, 5.6390, 2.4310



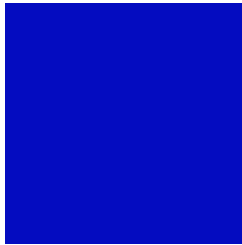
48.9370, 93.7090, 36.3090



9.9810, 19.3470, 7.3070

Previews

White Background



This preview shows how the YIQ color 30.1280, -62.5480, 54.2840 looks on a white background.

Color Contrast Check

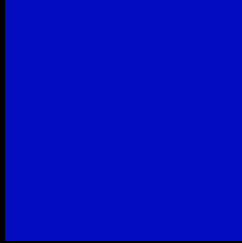
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1280, -62.5480, 54.2840 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 30.1280, -62.5480, 54.2840

Background



This preview shows how black text looks on a background with the YIQ color 30.1280, -62.5480, 54.2840.



This preview shows how white text looks on a background with the YIQ color 30.1280, -62.5480,

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

30.1280, -62.5480, 54.2840

Protanopia

47.0250, -53.8740, 7.1980

Deuteranopia

47.2070, -48.8750, -0.8030



Tritanopia

45.9070, -39.7030, -12.8470

Trichromacy



Original Color

30.1280, -62.5480, 54.2840

Protanomaly

41.0100, -57.5450, 24.1750

Deuteranomaly

40.7020, -53.9220, 19.0860

Tritanomaly

40.1830, -48.3270, 11.2970

Monochromacy



Original Color

30.1280, -62.5480, 54.2840

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.9260, -22.3780, 20.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.1280, -62.5480, 54.2840 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(4, 12, 192)` looks like.

```
.text, #text, p{  
    color:rgb(4, 12, 192)  
}
```

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(4, 12, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 12, 192) }
```

Border

The CSS property to change the border of an element to YIQ 30.1280, -62.5480, 54.2840 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(4, 12, 192) }
```


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

```
.border{ border-color:rgb(4, 12, 192) }
```

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

Here you see how a box with a 4 pixel rgb(4, 12, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 12, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 12, 192);  
box-shadow:4px 4px 4px 4px rgb(4, 12, 192)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.1280, -62.5480, 54.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 12, 192) }
```

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

```
.background{ background-color: rgb(4, 12,  
192) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor