

Converting Colors

YIQ(30.5040, -52.8240, 32.2320)

Have a look what the booklet for
YIQ(30.5040, -52.8240, 32.2320)
contains.

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Color

**YIQ(30.5040, -52.8240,
32.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	001890
RGB	0, 24, 144
RGB Percent	0%, 9%, 56%
CMY	0.9999, 0.9059, 0.4356
CMYK	1.00, 0.83, 0.00, 0.44
HSL	230°, 100%, 28%
HSV	230°, 100%, 56%
XYZ	5.3550, 2.6650, 26.5868
YIQ	30.5040, -52.8240, 32.2320

Conversions

Conversions Part 2

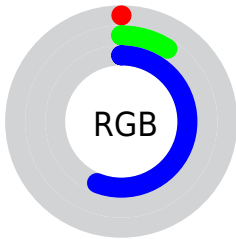
Format	Color
RYB	0, 21, 144
Decimal	6288
CIELab	18.65, 42.33, -65.27
CIELCh	19, 77.793, 302.967
Yxy	2.6650, 0.1547, 0.0770
Android (android.graphics.Color)	4278196368 (0xFF001890)
YUV	30.5040, 55.9535, -26.7520
Hunter-Lab	16.3248, 29.9853, -85.1333

Details

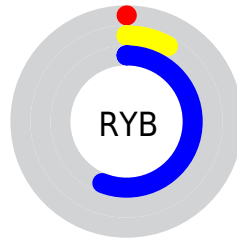
The YIQ color **30.5040, -52.8240, 32.2320** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **113.4960, 52.8240, -32.2320**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.4900, -31.8730, 43.5110**, and **10.4880, -29.5320, 28.6120** is the 20% darker color. If you saturate the color by 10%, you get **30.5040, -52.8240, 32.2320**, and if you desaturate by 10%, it is **41.7340, -47.7800, 28.9240**.

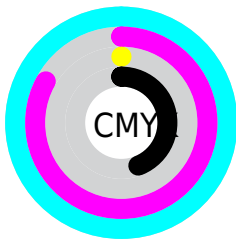
Distribution



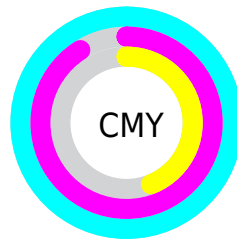
- Red (0%)
- Green (9%)
- Blue (56%)



- Red (0%)
- Yellow (8%)
- Blue (56%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (91%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.5040, -52.8240, 32.2320 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 30.5040, -52.8240, 32.2320 by changing the saturation by 10% instead.

■ 30.5040, -52.8240,
32.2320

■ 30.5040, -52.8240,
32.2320

■ 255.0000, -0.0000,
-0.0000

■ 15.0990, -38.3820,
34.8180

■ 89.4900, -31.8730,
43.5110

■ 10.4880, -29.5320,
28.6120

■ 115.8540,
-29.9020, 46.3380

■ 11.7470, -23.4320,
17.1760

■ 142.2780,
-28.1600, 47.8080

■ 6.7770, -14.9490,
12.1150

■ 166.5100,
-17.4300, 40.5700

■ 3.0950, -7.3370,
6.3190

■ 191.0300, -7.5710,
32.5970

■ 0.0000, 0.0000,
0.0000

■ 216.4360, 2.6090,

24.3130

■ 239.1510, 7.4250,
14.1210

■ 30.5040, -52.8240,
32.2320

■ 41.7340, -47.7800,
28.9240

■ 53.2630, -42.1400,
25.8280

■ 64.4930, -37.0960,
22.5200

■ 76.0220, -31.4560,
19.4240

■ 87.2520, -26.4120,
16.1160

■ 98.4820, -21.3680,
12.8080

■ 110.0110,
-15.7280, 9.7120

■ 121.2410,
-10.6840, 6.4040

■ 132.7700, -5.0440,
3.3080

Harmonies

Analogous

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



50.9810, -67.7690, 22.2390



30.5040, -52.8240, 32.2320



44.3610, 34.6980, 54.0100

Triad

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



30.5040, -52.8240, 32.2320



35.4490, 53.3200, 13.8640



43.2680, -33.6500, -17.9220

Complementary

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



30.5040, -52.8240, 32.2320



113.4960, 52.8240, -32.2320

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.



35.8070, -16.7750, -31.9030



30.5040, -52.8240, 32.2320



42.5500, 18.3420, -13.0340

Square

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



30.5040, -52.8240, 32.2320



37.0760, 73.9040, 26.2880



33.4590, -15.6750, -29.8110



50.3530, -52.2220, -0.7180

Rectangle

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



30.5040, -52.8240, 32.2320



45.8240, 57.8990, 46.5310



33.4590, -15.6750, -29.8110



40.4010, -26.9550, -23.6190

Sweetspot

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



30.5040, -52.8240, 32.2320



142.2540, -20.7260, 12.1860



98.2080, -78.1200, -37.9920



67.3980, -12.5640, 7.4360



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



30.5040, -52.8240, 32.2320



39.4010, -68.2310, 41.6330



30.7680, -17.6160, 54.9600



65.3850, -2.5220, 1.6540



28.8910, -49.6600, 29.9560



1.4990, -2.8430, 1.9650

Inverse Universe

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



45.7920, 78.1200, 37.9920



59.1480, 100.9050, 49.0730



113.2320, 17.6160, -54.9600



66.2070, 3.8510, 1.7950



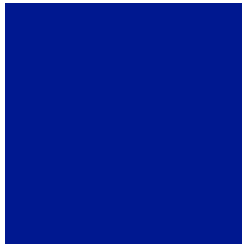
42.9870, 73.0770, 35.7730



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 30.5040, -52.8240, 32.2320 looks on a white background.

Color Contrast Check

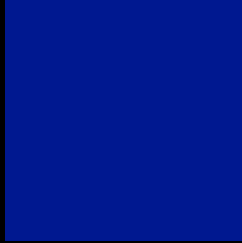
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5040, -52.8240, 32.2320 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 30.5040, -52.8240, 32.2320

Background



This preview shows how black text looks on a background with the YIQ color 30.5040, -52.8240, 32.2320.



This preview shows how white text looks on a background with the YIQ color 30.5040, -52.8240,

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

30.5040, -52.8240, 32.2320

Protanopia

37.9460, -43.4660, 5.7980

Deuteranopia

37.9970, -39.4760, -0.4360



Tritanopia

36.7940, -31.9550, -10.0910

Trichromacy



Original Color

30.5040, -52.8240, 32.2320

Protanomaly

35.1880, -46.7230, 15.2690

Deuteranomaly

35.3360, -44.3840, 11.4240

Tritanomaly

34.5720, -39.4770, 5.0910

Monochromacy



Original Color

30.5040, -52.8240, 32.2320

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.6240, -18.8920, 11.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.5040, -52.8240, 32.2320 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(0, 24, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 24, 144)  
}
```

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(0, 24, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 24, 144) }
```

Border

The CSS property to change the border of an element to YIQ 30.5040, -52.8240, 32.2320 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(0, 24, 144) }
```


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

```
.border{ border-color:rgb(0, 24, 144) }
```

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

Here you see how a box with a 4 pixel rgb(0, 24, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 24, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 24, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 24, 144)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.5040, -52.8240, 32.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 24, 144) }
```

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

```
.background{ background-color: rgb(0, 24,  
144) }
```

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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