

Converting Colors

YIQ(36.0030, -38.4720, 25.4320)

Have a look what the booklet for
YIQ(36.0030, -38.4720, 25.4320)
contains.

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Color

**YIQ(36.0030, -38.4720,
25.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	0F1E7A
RGB	15, 30, 122
RGB Percent	6%, 12%, 48%
CMY	0.9411, 0.8823, 0.5218
CMYK	0.88, 0.75, 0.00, 0.52
HSL	232°, 78%, 27%
HSV	232°, 88%, 48%
XYZ	4.1708, 2.4342, 18.6438
YIQ	36.0030, -38.4720, 25.4320

Conversions

Conversions Part 2

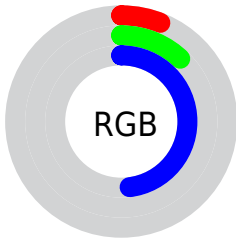
Format	Color
R_{YB}	15, 28, 122
Decimal	990842
CIE _{Lab}	17.62, 31.45, -53.10
CIE _{LCh}	18, 61.713, 300.641
Yxy	2.4342, 0.1652, 0.0964
Android (android.graphics.Color)	4279180922 (0xFF0F1E7A)
YUV	36.0030, 42.3965, -18.4196
Hunter-Lab	15.6019, 20.4147, -59.9283

Details

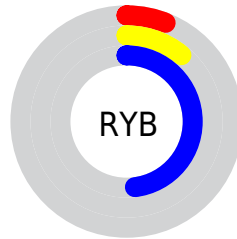
The YIQ color **36.0030, -38.4720, 25.4320** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **100.9970, 38.4720, -25.4320**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9060, -27.6530, 33.1070**, and **8.2080, -23.1120, 22.3920** is the 20% darker color. If you saturate the color by 10%, you get **26.5450, -42.8740, 28.1180**, and if you desaturate by 10%, it is **45.4610, -34.0700, 22.7460**.

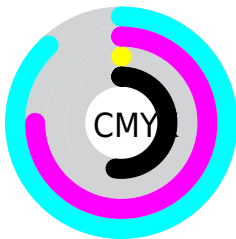
Distribution



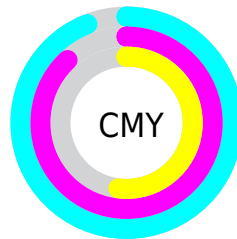
- Red (6%)
- Green (12%)
- Blue (48%)



- Red (6%)
- Yellow (11%)
- Blue (48%)



- Cyan (88%)
- Magenta (75%)
- Yellow (0%)
- Black (52%)



- Cyan (94%)
- Magenta (88%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 36.0030, -38.4720, 25.4320 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 36.0030, -38.4720, 25.4320 by changing the saturation by 10% instead.

■ 36.0030, -38.4720,
25.4320

■ 36.0030, -38.4720,
25.4320

■ 255.0000, -0.0000,
-0.0000

■ 16.8140, -33.5660,
24.6260

■ 87.9060, -27.6530,
33.1070

■ 8.2080, -23.1120,
22.3920

■ 113.8570,
-25.9570, 35.4110

■ 7.8200, -16.5080,
12.8360

■ 140.7970,
-25.7280, 36.7680

■ 3.6650, -8.9420,
7.8740

■ 166.4660,
-23.2980, 36.7820

■ 0.0000, 0.0000,
0.0000

■ 190.9860,
-13.4390, 28.8090

■ 216.0930, -3.8550,

20.3130

241.4990, 6.3250,
12.0290

36.0030, -38.4720,
25.4320

36.0030, -38.4720,
25.4320

26.5450, -42.8740,
28.1180

45.4610, -34.0700,
22.7460

23.8870, -43.8370,
29.0510

55.5060, -29.9430,
19.5370

65.2630, -24.9450,
17.0630

75.3080, -20.8180,
13.8540

84.7660, -16.4160,
11.1680

■ 94.8110, -12.2890,
7.9590

■ 104.2690, -7.8870,
5.2730

■ 114.6130, -3.1640,
2.2760

■ 124.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



45.3270, -57.3600, 15.3120



36.0030, -38.4720, 25.4320



37.8390, 27.1800, 47.0840

Triad

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



36.0030, -38.4720, 25.4320



36.5790, 46.9020, 9.0300



39.5350, -30.0280, -17.4840

Complementary

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



36.0030, -38.4720, 25.4320



100.9970, 38.4720, -25.4320

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.



33.4590, -15.6750, -29.8110



36.0030, -38.4720, 25.4320



40.8000, 20.6340, -10.5180

Square

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



36.0030, -38.4720, 25.4320



32.5910, 64.9640, 23.1080



30.5240, -14.3000, -27.1960



44.6650, -44.4730, -3.4890

Rectangle

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



36.0030, -38.4720, 25.4320



39.6160, 46.6210, 41.6690



30.5240, -14.3000, -27.1960



37.1240, -24.6170, -21.9370

Sweetspot

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



36.0030, -38.4720, 25.4320



125.1960, -14.8110, 9.6130



88.1830, -58.6360, -27.6600



59.4970, -8.5290, 5.8950



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



36.0030, -38.4720, 25.4320



30.9260, -56.7680, 37.6320



38.2610, -12.2950, 41.1210



56.2710, -2.2010, 1.3430



24.8160, -45.0750, 29.4610



49.2730, -90.5170, 60.0670

Inverse Universe

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



48.7030, 58.9570, 27.3490



49.7500, 87.1060, 40.3380



98.7390, 12.2950, -41.1210



56.9080, 3.2550, 1.5830



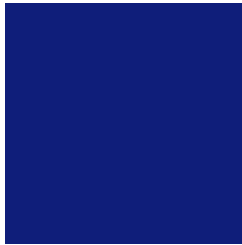
39.4270, 68.7220, 32.0980



79.3380, 138.9570, 64.3090

Previews

White Background



This preview shows how the YIQ color 36.0030, -38.4720, 25.4320 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 36.0030, -38.4720, 25.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

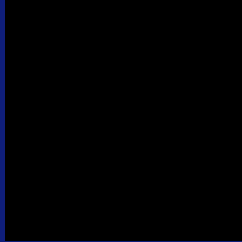
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.0030, -38.4720, 25.4320

Background



This preview shows how black text looks on a background with the YIQ color 36.0030, -38.4720, 25.4320.



This preview shows how white text looks on a background with the YIQ color 36.0030, -38.4720,

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

36.0030, -38.4720, 25.4320

Protanopia

35.5010, -40.7150, 5.5010

Deuteranopia

35.0790, -36.7710, 0.1010



Tritanopia

34.6910, -30.1670, -9.4550

Trichromacy



Original Color

36.0030, -38.4720, 25.4320

Protanomaly

35.4290, -40.2120, 12.9080

Deuteranomaly

35.5770, -37.8730, 9.0630

Tritanomaly

34.9270, -33.2870, 3.0410

Monochromacy



Original Color

36.0030, -38.4720, 25.4320

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.9680, -14.1690, 8.9910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.0030, -38.4720, 25.4320 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(15, 30, 122)` looks like.

```
.text, #text, p{  
    color:rgb(15, 30, 122)  
}
```

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(15, 30, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 30, 122) }
```

Border

The CSS property to change the border of an element to YIQ 36.0030, -38.4720, 25.4320 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(15, 30, 122) }
```


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

```
.border{ border-color:rgb(15, 30, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 30, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 30, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 30, 122);  
box-shadow:4px 4px 4px 4px rgb(15, 30,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 36.0030, -38.4720, 25.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 30, 122) }
```

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

```
.background{ background-color: rgb(15, 30,  
122) }
```

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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