

Converting Colors

YIQ(65.2630, -24.9450, 17.0630)

Have a look what the booklet for
YIQ(65.2630, -24.9450, 17.0630)
contains.

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Color

**YIQ(65.2630, -24.9450,
17.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	343D7A
RGB	52, 61, 122
RGB Percent	20%, 24%, 48%
CMY	0.7960, 0.7608, 0.5217
CMYK	0.57, 0.50, 0.00, 0.52
HSL	232°, 40%, 34%
HSV	232°, 57%, 48%
XYZ	6.5959, 5.4723, 19.1089
YIQ	65.2630, -24.9450, 17.0630

Conversions

Conversions Part 2

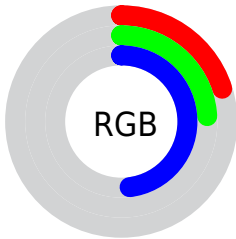
Format	Color
R_{YB}	52, 60, 122
Decimal	3423610
CIE _{Lab}	28.04, 15.64, -36.04
CIE _{LCh}	28, 39.292, 293.459
Yxy	5.4723, 0.2116, 0.1755
Android (android.graphics.Color)	4281613690 (0xFF343D7A)
YUV	65.2630, 27.9713, -11.6317
Hunter-Lab	23.3929, 9.3923, -32.0568

Details

The YIQ color **65.2630, -24.9450, 17.0630** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **108.7370, 24.9450, -17.0630**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.4420, -23.8910, 19.9890**, and **20.0620, -28.9330, 12.2430** is the 20% darker color. If you saturate the color by 10%, you get **55.2180, -29.0720, 20.2720**, and if you desaturate by 10%, it is **75.3080, -20.8180, 13.8540**.

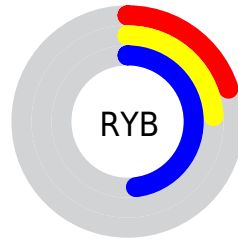
Distribution



 Red (20%)

 Green (24%)

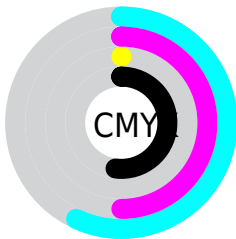
 Blue (48%)




 Red (20%)

 Yellow (24%)

 Blue (48%)

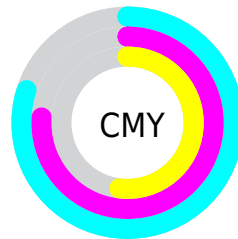



 Cyan (57%)

 Magenta (50%)

 Yellow (0%)

 Black (52%)



 Cyan (80%)

 Magenta (76%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.2630, -24.9450, 17.0630 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 65.2630, -24.9450, 17.0630 by changing the saturation by 10% instead.

65.2630, -24.9450,
17.0630

65.2630, -24.9450,
17.0630

255.0000, -0.0000,
-0.0000

41.1270, -27.5580,
14.8580

114.4420,
-23.8910, 19.9890

20.0620, -28.9330,
12.2430

140.3820,
-23.6620, 21.3460

5.7000, -16.0500,
15.5500

167.4960,
-23.9830, 21.6570

3.7790, -9.2630,
8.1850

193.8660,
-22.1490, 21.4590

0.0000, 0.0000,
0.0000

218.6740,
-13.1610, 12.7510

244.3680, -3.8520,

3.7320

■ 65.2630, -24.9450,
17.0630

■ 65.2630, -24.9450,
17.0630

■ 55.2180, -29.0720,
20.2720

■ 75.3080, -20.8180,
13.8540

■ 45.7600, -33.4740,
22.9580

■ 84.7660, -16.4160,
11.1680

■ 35.4160, -38.1970,
25.9550

■ 95.1100, -11.6930,
8.1710

■ 25.3710, -42.3240,
29.1640

■ 105.1550, -7.5660,
4.9620

■ 23.3000, -43.5620,
29.5740

■ 114.6130, -3.1640,
2.2760

■ 124.6580, 0.9630,
-0.9330

■ 134.1160, 5.3650,
-3.6190

■ 144.4600, 10.0880,
-6.6160

■ 154.5050, 14.2150,
-9.8250

Harmonies

Analogous

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



56.6280, -60.2460, 1.5300



65.2630, -24.9450, 17.0630



68.0350, 11.2280, 27.8040

Triad

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



65.2630, -24.9450, 17.0630



63.5800, 45.1610, 2.0330



53.5720, -40.6180, -23.8020

Complementary

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



65.2630, -24.9450, 17.0630



108.7370, 24.9450, -17.0630

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.



51.9790, -23.0110, -29.0190



65.2630, -24.9450, 17.0630



62.1080, 34.2060, -14.1940

Square

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



65.2630, -24.9450, 17.0630



62.9030, 46.3500, 19.0380



59.7200, 14.4470, -25.0490



57.1060, -50.5690, -14.1610

Rectangle

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



65.2630, -24.9450, 17.0630



65.3700, 29.3380, 29.9940



59.7200, 14.4470, -25.0490



51.8450, -37.1330, -26.3890

Sweetspot

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



65.2630, -24.9450, 17.0630



136.4260, -9.7670, 6.3050



100.0440, -38.8310, -17.6390



65.9980, -5.6860, 3.9300



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.



65.2630, -24.9450, 17.0630



69.6440, -38.8390, 26.5770



67.7540, -6.9740, 27.2820



56.2710, -2.2010, 1.3430



23.6420, -44.5250, 30.5070



47.5120, -89.6920, 61.6360

Inverse Universe

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



73.9560, 38.8310, 17.6390



83.1870, 60.4700, 27.4620



106.2460, 6.9740, -27.2820



56.9080, 3.2550, 1.5830



39.1990, 69.3640, 31.4760



78.9960, 139.9200, 63.3760

Previews

White Background



This preview shows how the YIQ color 65.2630, -24.9450, 17.0630 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 65.2630, -24.9450, 17.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

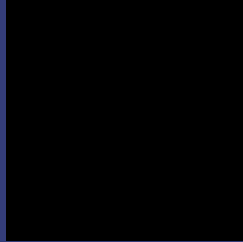
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.2630, -24.9450, 17.0630

Background



This preview shows how black text looks on a background with the YIQ color 65.2630, -24.9450, 17.0630.



This preview shows how white text looks on a background with the YIQ color 65.2630, -24.9450,

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

65.2630, -24.9450, 17.0630

Protanopia

61.6850, -38.0570, 12.3990

Deuteranopia

52.8950, -56.6240, 1.9680



Tritanopia

61.2080, -24.2530, -6.5010

Trichromacy



Original Color

65.2630, -24.9450, 17.0630

Protanomaly

63.0770, -33.2890, 14.0950

Deuteranomaly

57.5160, -45.0710, 7.3530

Tritanomaly

62.7770, -24.1170, 2.0510

Monochromacy



Original Color

65.2630, -24.9450, 17.0630

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.3120, -9.4460, 5.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.2630, -24.9450, 17.0630 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(52, 61, 122)` looks like.

```
.text, #text, p{  
    color:rgb(52, 61, 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(52, 61, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 61, 122) }
```

Border

The CSS property to change the border of an element to YIQ 65.2630, -24.9450, 17.0630 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(52, 61, 122) }
```


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

```
.border{ border-color:rgb(52, 61, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 61, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 61, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 61, 122);  
box-shadow:4px 4px 4px 4px rgb(52, 61,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 65.2630, -24.9450, 17.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 61, 122) }
```

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

```
.background{ background-color: rgb(52, 61,  
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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