

Converting Colors

YIQ(65.7530, -23.5690, 14.1510)

Have a look what the booklet for
YIQ(65.7530, -23.5690, 14.1510)
contains.

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Color

**YIQ(65.7530, -23.5690,
14.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	343F74
RGB	52, 63, 116
RGB Percent	20%, 25%, 45%
CMY	0.7961, 0.7529, 0.5452
CMYK	0.55, 0.46, 0.00, 0.55
HSL	230°, 38%, 33%
HSV	230°, 55%, 45%
XYZ	6.3444, 5.5458, 17.2486
YIQ	65.7530, -23.5690, 14.1510

Conversions

Conversions Part 2

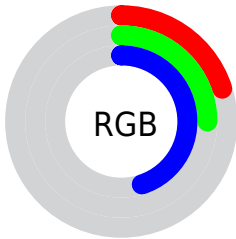
Format	Color
R_{YB}	52, 61, 116
Decimal	3424116
CIE _{Lab}	28.24, 12.15, -31.95
CIE _{LCh}	28, 34.180, 290.824
Yxy	5.5458, 0.2177, 0.1903
Android (android.graphics.Color)	4281614196 (0xFF343F74)
YUV	65.7530, 24.7718, -12.0614
Hunter-Lab	23.5495, 6.8775, -26.9416

Details

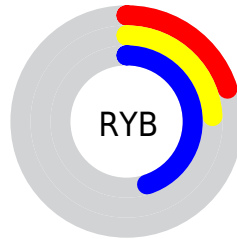
The YIQ color **65.7530, -23.5690, 14.1510** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.2470, 23.5690, -14.1510**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.5190, -22.7900, 16.5540**, and **19.9650, -27.2820, 9.8540** is the 20% darker color. If you saturate the color by 10%, you get **56.2950, -27.9710, 16.8370**, and if you desaturate by 10%, it is **75.2110, -19.1670, 11.4650**.

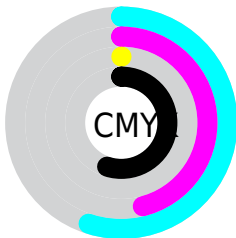
Distribution



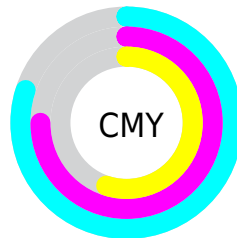
- Red (20%)
- Green (25%)
- Blue (45%)



- Red (20%)
- Yellow (24%)
- Blue (45%)



- Cyan (55%)
- Magenta (46%)
- Yellow (0%)
- Black (55%)



- Cyan (80%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.7530, -23.5690, 14.1510 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 65.7530, -23.5690, 14.1510 by changing the saturation by 10% instead.

■ 65.7530, -23.5690,
14.1510

■ 65.7530, -23.5690,
14.1510

■ 255.0000, -0.0000,
-0.0000

■ 41.9160, -25.5860,
12.1580

■ 114.5190,
-22.7900, 16.5540

■ 19.9650, -27.2820,
9.8540

■ 141.0460,
-22.8360, 17.3880

■ 5.1300, -14.4450,
13.9950

■ 167.5730,
-22.8820, 18.2220

■ 3.2090, -7.6580,
6.6300

■ 194.8010,
-23.5240, 18.8440

■ 0.0000, 0.0000,
0.0000

■ 220.1360,
-14.5820, 10.9700

■ 244.9440, -5.5940,

2.2620

■ 65.7530, -23.5690,
14.1510

■ 65.7530, -23.5690,
14.1510

■ 56.2950, -27.9710,
16.8370

■ 75.2110, -19.1670,
11.4650

■ 47.7230, -32.0520,
19.2120

■ 83.7830, -15.0860,
9.0900

■ 38.2650, -36.4540,
21.8980

■ 93.2410, -10.6840,
6.4040

■ 29.6930, -40.5350,
24.2730

■ 101.8130, -6.6030,
4.0290

■ 24.9640, -42.7360,
25.6160

■ 111.2710, -2.2010,
1.3430

■ 120.7290, 2.2010,
-1.3430

■ 129.3010, 6.2820,
-3.7180

■ 138.7590, 10.6840,
-6.4040

■ 147.3310, 14.7650,
-8.7790

Harmonies

Analogous

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



55.8300, -57.9990, -0.6470



65.7530, -23.5690, 14.1510



69.1330, 7.8360, 23.1960

Triad

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



65.7530, -23.5690, 14.1510



64.8830, 39.9340, 3.1500



52.8710, -40.0220, -23.5900

Complementary

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



65.7530, -23.5690, 14.1510



102.2470, 23.5690, -14.1510

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.



57.2300, -13.2920, -23.4360



65.7530, -23.5690, 14.1510



63.5470, 31.5920, -10.8720

Square

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



65.7530, -23.5690, 14.1510



64.9130, 40.3900, 16.9180



61.8820, 14.1710, -20.0450



56.0630, -49.0100, -14.8820

Rectangle

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



65.7530, -23.5690, 14.1510



67.5000, 22.9200, 25.1600



61.8820, 14.1710, -20.0450



51.2580, -36.8580, -25.8660

Sweetspot

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



65.7530, -23.5690, 14.1510



130.1980, -9.1250, 5.6830



95.4960, -34.2920, -17.3000



64.5850, -5.9610, 3.4070



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



65.7530, -23.5690, 14.1510



72.2650, -36.4540, 21.8980



65.2760, -8.6240, 24.1440



54.2710, -2.2010, 1.3430



26.2350, -44.9370, 26.9590



53.7410, -92.0750, 55.2610

Inverse Universe

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



72.3900, 34.6130, 16.9890



82.5390, 53.5470, 26.2750



102.7240, 8.6240, -24.1440



54.9080, 3.2550, 1.5830



38.8720, 65.9710, 32.3950



79.6520, 135.1970, 66.3730

Previews

White Background



This preview shows how the YIQ color 65.7530, -23.5690, 14.1510 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 65.7530, -23.5690, 14.1510 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 65.7530, -23.5690, 14.1510

Background



This preview shows how black text looks on a background with the YIQ color 65.7530, -23.5690, 14.1510.



This preview shows how white text looks on a background with the YIQ color 65.7530, -23.5690,

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

65.7530, -23.5690, 14.1510

Protanopia

64.1650, -30.7210, 11.6070

Deuteranopia

61.1100, -38.0560, 6.8720



Tritanopia

62.5180, -22.1900, -5.3420

Trichromacy



Original Color

65.7530, -23.5690, 14.1510

Protanomaly

64.6600, -27.7410, 12.6670

Deuteranomaly

62.9150, -33.0130, 9.0910

Tritanomaly

63.8480, -22.8790, 1.6410

Monochromacy



Original Color

65.7530, -23.5690, 14.1510

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.9700, -8.4830, 5.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.7530, -23.5690, 14.1510 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, 63, 116)` looks like.

```
.text, #text, p{  
    color:rgb(52, 63, 116)  
}
```

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, 63, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 63, 116) }
```

Border

The CSS property to change the border of an element to YIQ 65.7530, -23.5690, 14.1510 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, 63, 116) }
```


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

```
.border{ border-color:rgb(52, 63, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 63, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 63, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 63, 116);  
box-shadow:4px 4px 4px 4px rgb(52, 63,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 65.7530, -23.5690, 14.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 63, 116) }
```

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

```
.background{ background-color: rgb(52, 63,  
116) }
```

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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