

Converting Colors

YIQ(24.7520, 13.7030, 32.5110)

Have a look what the booklet for
YIQ(24.7520, 13.7030, 32.5110)
contains.

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Color

**YIQ(24.7520, 13.7030,
32.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0041
RGB	58, 0, 65
RGB Percent	23%, 0%, 25%
CMY	0.7724, 1.0000, 0.7451
CMYK	0.11, 1.00, 0.00, 0.75
HSL	294°, 100%, 13%
HSV	294°, 100%, 25%
XYZ	2.7017, 1.2826, 5.1063
YIQ	24.7520, 13.7030, 32.5110

Conversions

Conversions Part 2

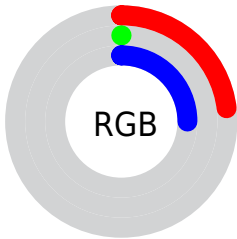
Format	Color
R_{YB}	58, 0, 65
Decimal	3801153
CIE _{Lab}	11.15, 35.56, -25.31
CIE _{LCh}	11, 43.643, 324.556
Yxy	1.2826, 0.2972, 0.1411
Android (android.graphics.Color)	4281991233 (0xFF3A0041)
YUV	24.7520, 19.8423, 29.1585
Hunter-Lab	11.3251, 22.7645, -18.8057

Details

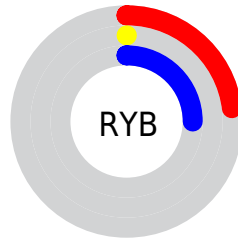
The YIQ color **24.7520, 13.7030, 32.5110** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **40.2480, -13.7030, -32.5110**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **74.5240, 14.3450, 31.8890**, and **2.9810, -7.0160, 6.0080** is the 20% darker color. If you saturate the color by 10%, you get **24.7520, 13.7030, 32.5110**, and if you desaturate by 10%, it is **29.1600, 12.3740, 29.0620**.

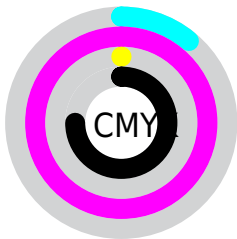
Distribution



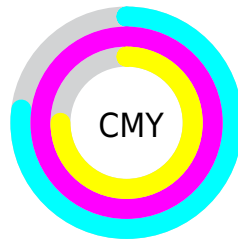
- Red (23%)
- Green (0%)
- Blue (25%)



- Red (23%)
- Yellow (0%)
- Blue (25%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (75%)



- Cyan (77%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.7520, 13.7030, 32.5110 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 24.7520, 13.7030, 32.5110 by changing the saturation by 10% instead.

■ 24.7520, 13.7030,
32.5110

■ 24.7520, 13.7030,
32.5110

■ 243.8470, 5.2250,
9.9370

■ 16.2640, 8.8450,
21.4290

■ 75.1110, 14.0700,
31.3660

■ 2.9810, -7.0160,
6.0080

■ 99.9370, 14.6200,
32.4120

■ 0.0000, 0.0000,
0.0000

■ 125.7630, 15.1700,
33.4580

■ 151.8880, 16.3160,
34.7160

■ 179.3010, 16.5910,
35.2390

■ 207.0130, 17.4620,

35.9740

■ 226.8240, 13.2000,
25.1040

■ 24.7520, 13.7030,
32.5110

■ 29.1600, 12.3740,
29.0620

■ 32.6820, 10.7240,
25.9240

■ 37.0900, 9.3950,
22.4750

■ 40.9110, 8.3410,
19.5490

■ 45.3190, 7.0120,
16.1000

■ 48.8410, 5.3620,
12.9620

■ 53.2490, 4.0330,
9.5130

■ 57.0700, 2.9790,
6.5870

■ 61.1790, 1.0540,
2.9260

Harmonies

Analogous

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



24.3650, -34.1600, 13.3600



24.7520, 13.7030, 32.5110



26.9420, 33.4190, 27.6190

Triad

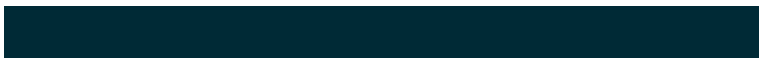
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.7520, 13.7030, 32.5110



28.7060, 18.2030, -5.0050



30.8100, -28.8840, -5.1720

Complementary

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



24.7520, 13.7030, 32.5110



40.2480, -13.7030, -32.5110

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.



27.2760, -18.9330, -14.8130



24.7520, 13.7030, 32.5110



24.4320, -1.8770, -15.5490

Square

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



24.7520, 13.7030, 32.5110



24.4190, 35.6690, 8.8610



23.4800, -11.0000, -20.9200



33.0730, -36.6340, 3.1260

Rectangle

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



24.7520, 13.7030, 32.5110



25.1460, 41.3520, 21.5120



23.4800, -11.0000, -20.9200



30.2570, -25.9490, -8.8050

Sweetspot

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



24.7520, 13.7030, 32.5110



68.4280, 5.0870, 12.4390



12.1060, -23.0650, 16.0310



33.8960, 3.5290, 7.6330



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



24.7520, 13.7030, 32.5110



32.0010, 17.7360, 42.0240



23.9950, 25.9000, 26.2200



31.2390, 0.8250, 1.5690



37.0710, 20.7150, 48.6110



85.3360, 47.2960, 112.0640

Inverse Universe

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



20.2330, 36.4930, 15.9570



26.1420, 47.1750, 20.6070



41.0050, -25.9000, -26.2200



30.8970, 1.7880, 0.6360



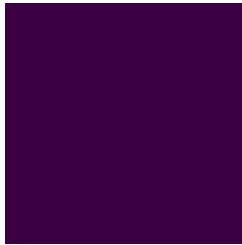
30.1430, 54.6020, 23.6740



69.7120, 125.8000, 54.9520

Previews

White Background



This preview shows how the YIQ color 24.7520, 13.7030, 32.5110 looks on a white background.

Color Contrast Check

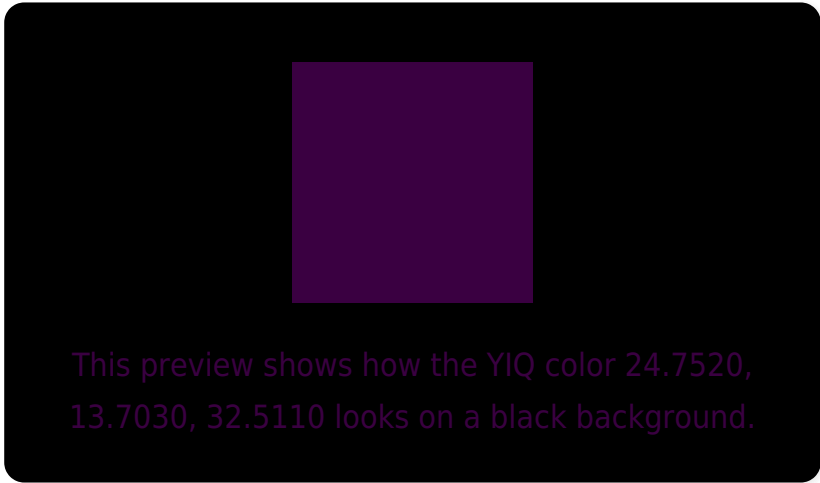
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 24.7520, 13.7030, 32.5110

Background



This preview shows how black text looks on a background with the YIQ color 24.7520, 13.7030, 32.5110.



This preview shows how white text looks on a background with the YIQ color 24.7520, 13.7030,

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

24.7520, 13.7030, 32.5110

Protanopia

27.3510, -31.5450, 4.5110

Deuteranopia

30.1900, -23.8420, 2.5740



Tritanopia

33.6000, 16.0460, 6.5580

Trichromacy



Original Color

24.7520, 13.7030, 32.5110

Protanomaly

26.3580, -15.0870, 14.6170

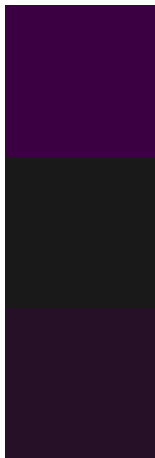
Deuteranomaly

28.0550, -9.8600, 13.5000

Tritanomaly

30.5110, 15.2190, 16.0430

Monochromacy



Original Color

24.7520, 13.7030, 32.5110

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.0150, 4.8120, 11.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.7520, 13.7030, 32.5110 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(58, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(58, 0, 65)  
}
```

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(58, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 0, 65) }
```

Border

The CSS property to change the border of an element to YIQ 24.7520, 13.7030, 32.5110 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(58, 0, 65) }
```


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

```
.border{ border-color:rgb(58, 0, 65) }
```

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

Here you see how a box with a 4 pixel rgb(58, 0, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 0, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 0, 65); box-shadow:4px  
4px 4px 4px rgb(58, 0, 65) }
```

Background

The CSS property to change the background color of an element to YIQ 24.7520, 13.7030, 32.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 0, 65) }
```

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

```
.background{ background-color: rgb(58, 0,  
65) }
```

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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