

Converting Colors

YIQ(77.4110, -5.4110, 4.4530)

Have a look what the booklet for
YIQ(77.4110, -5.4110, 4.4530)
contains.

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Color

**YIQ(77.4110, -5.4110,
4.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	4B4C5B
RGB	75, 76, 91
RGB Percent	29%, 30%, 36%
CMY	0.7059, 0.7020, 0.6432
CMYK	0.18, 0.16, 0.00, 0.64
HSL	236°, 10%, 33%
HSV	236°, 18%, 36%
XYZ	7.3742, 7.4201, 10.9392
YIQ	77.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

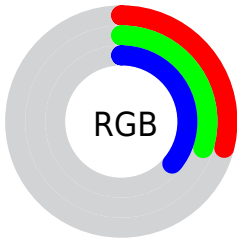
Format	Color
R_{YB}	75, 76, 91
Decimal	4934747
CIE Lab	32.74, 3.15, -8.93
CIE LCh	33, 9.472, 289.406
Yxy	7.4201, 0.2866, 0.2883
Android (android.graphics.Color)	4283124827 (0xFF4B4C5B)
YUV	77.4110, 6.6994, -2.1144
Hunter-Lab	27.2398, 0.6531, -4.7423

Details

The YIQ color **77.4110, -5.4110, 4.4530** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.5890, 5.4110, -4.4530**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.5250, -5.7320, 4.7640**, and **33.1830, -4.7690, 3.8310** is the 20% darker color. If you saturate the color by 10%, you get **69.4370, -8.3000, 7.2520**, and if you desaturate by 10%, it is **85.3850, -2.5220, 1.6540**.

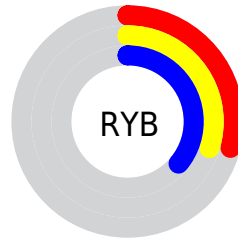
Distribution



Red (29%)

Green (30%)

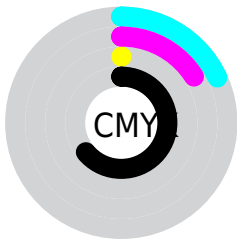
Blue (36%)



Red (29%)

Yellow (30%)

Blue (36%)

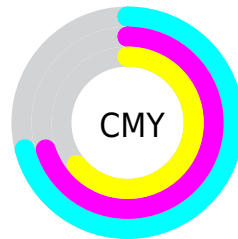


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (70%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.4110, -5.4110, 4.4530 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 77.4110, -5.4110, 4.4530 by changing the saturation by 10% instead.

■ 77.4110, -5.4110,
4.4530

■ 77.4110, -5.4110,
4.4530

■ 255.0000, -0.0000,
-0.0000

■ 54.4110, -5.4110,
4.4530

■ 126.5250, -5.7320,
4.7640

■ 33.1830, -4.7690,
3.8310

■ 152.6390, -6.0530,
5.0750

■ 9.9380, -5.4570,
5.2870

■ 179.0520, -5.7780,
5.5980

■ 0.0000, 0.0000,
0.0000

■ 206.7530, -6.3740,
5.3860

■ 234.7530, -6.3740,
5.3860

■ 77.4110, -5.4110,
4.4530

■ 77.4110, -5.4110,
4.4530

■ 69.4370, -8.3000,
7.2520

■ 85.3850, -2.5220,
1.6540

■ 62.0500, -11.4640,
9.5280

■ 92.7720, 0.6420,
-0.6220

■ 54.0760, -14.3530,
12.3270

■ 100.7460, 3.5310,
-3.4210

■ 46.6890, -17.5170,
14.6030

■ 108.1330, 6.6950,
-5.6970

■ 38.7150, -20.4060,
17.4020

■ 116.1070, 9.5840,
-8.4960

■ 31.0290, -24.1660,
19.4660

■ 123.7930, 13.3440,
-10.5600

■ 23.0550, -27.0550,
22.2650

■ 131.7670, 16.2330,
-13.3590

■ 15.6680, -30.2190,

■ 139.1540, 19.3970,

24.5410

-15.6350

■ 13.8960, -30.8610,
25.1630

■ 147.1280, 22.2860,
-18.4340

Harmonies

Analogous

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



75.5950, -11.9210, 1.2870



77.4110, -5.4110, 4.4530



78.4720, 1.7870, 6.1630

Triad

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



77.4110, -5.4110, 4.4530



77.5840, 12.9750, 1.6390



74.5210, -9.0770, -6.2050

Complementary

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



77.4110, -5.4110, 4.4530



88.5890, 5.4110, -4.4530

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.



75.2290, -2.3830, -6.3750



77.4110, -5.4110, 4.4530



77.0950, 9.8580, -2.4460

Square

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



77.4110, -5.4110, 4.4530



78.2790, 12.5160, 4.4520



76.2900, 4.8150, -4.6650



73.9380, -14.6250, -4.7770

Rectangle

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



77.4110, -5.4110, 4.4530



78.2230, 6.9220, 6.7140



76.2900, 4.8150, -4.6650



74.8910, -7.2430, -6.4030

Sweetspot

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



77.4110, -5.4110, 4.4530



112.2710, -2.2010, 1.3430



86.1020, -9.2150, -3.7030



55.4560, -1.2840, 1.2440



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



77.4110, -5.4110, 4.4530



96.3230, -7.9790, 6.9410



78.9170, -0.9640, 6.4600



42.1570, -1.8800, 1.0320



16.6490, -37.2350, 30.5490



35.8230, -80.2020, 65.8620

Inverse Universe

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



79.8980, 9.2150, 3.7030



100.2900, 13.9830, 5.3990



87.0830, 0.9640, -6.4600



42.6090, 2.6590, 1.3710



33.6880, 63.3130, 25.4970



72.5730, 136.4370, 54.9090

Previews

White Background



This preview shows how the YIQ color 77.4110, -5.4110, 4.4530 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 77.4110, -5.4110, 4.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

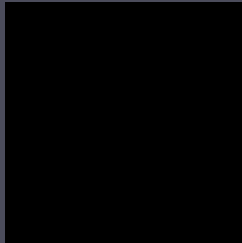
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.4110, -5.4110, 4.4530

Background



This preview shows how black text looks on a background with the YIQ color 77.4110, -5.4110, 4.4530.

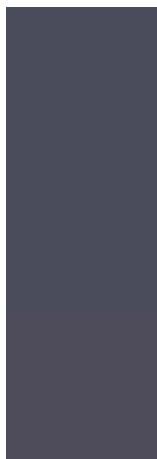


This preview shows how white text looks on a background with the YIQ color 77.4110, -5.4110,

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

77.4110, -5.4110, 4.4530

Protanopia

77.1120, -6.0070, 4.2410

Deuteranopia

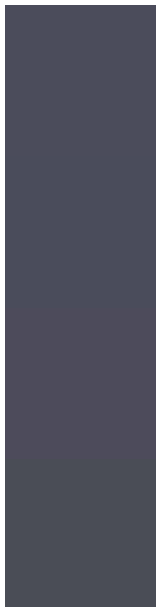
77.7210, -3.3480, 5.6120



Tritanopia

76.7870, -3.7140, 1.2300

Trichromacy



Original Color

77.4110, -5.4110, 4.4530

Protanomaly

77.1120, -6.0070, 4.2410

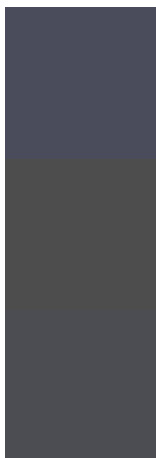
Deuteranomaly

77.4220, -3.9440, 5.4000

Tritanomaly

77.1290, -4.6770, 2.1630

Monochromacy



Original Color

77.4110, -5.4110, 4.4530

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.2710, -2.2010, 1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.4110, -5.4110, 4.4530 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(75, 76, 91)` looks like.

```
.text, #text, p{  
    color:rgb(75, 76, 91)  
}
```

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(75, 76, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 76, 91) }
```

Border

The CSS property to change the border of an element to YIQ 77.4110, -5.4110, 4.4530 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(75, 76, 91) }
```


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

```
.border{ border-color:rgb(75, 76, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 76, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 76, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 76, 91);  
box-shadow:4px 4px 4px 4px rgb(75, 76, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.4110, -5.4110, 4.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 76, 91) }
```

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

```
.background{ background-color: rgb(75, 76,  
91) }
```

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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