

Converting Colors

YIQ(112.0770, -25.2620,
-4.7340)

Have a look what the booklet for
YIQ(112.0770, -25.2620, -4.7340)
contains.

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Color

**YIQ(112.0770, -25.2620,
-4.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	557A84
RGB	85, 122, 132
RGB Percent	33%, 48%, 52%
CMY	0.6667, 0.5215, 0.4825
CMYK	0.36, 0.08, 0.00, 0.48
HSL	193°, 22%, 43%
HSV	193°, 36%, 52%
XYZ	14.8688, 17.5184, 24.4176
YIQ	112.0770, -25.2620, -4.7340

Conversions

Conversions Part 2

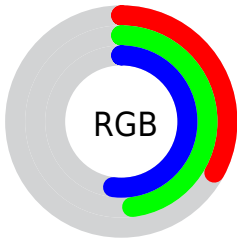
Format	Color
R_{YB}	85, 106, 132
Decimal	5601924
CIE _{Lab}	48.91, -10.36, -9.60
CIE _{LCh}	49, 14.124, 222.828
Yxy	17.5184, 0.2618, 0.3084
Android (android.graphics.Color)	4283792004 (0xFF557A84)
YUV	112.0770, 9.8220, -23.7465
Hunter-Lab	41.8550, -9.8347, -5.2905

Details

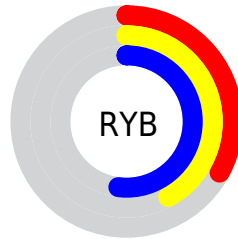
The YIQ color $112.0770, -25.2620, -4.7340$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $104.9230, 25.2620, 4.7340$, and the grayscale version is $112.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $163.8920, -26.1790, -4.6350$, and $63.0770, -25.2620, -4.7340$ is the 20% darker color. If you saturate the color by 10%, you get $106.4290, -32.1850, -5.9210$, and if you desaturate by 10%, it is $117.7250, -18.3390, -3.5470$.

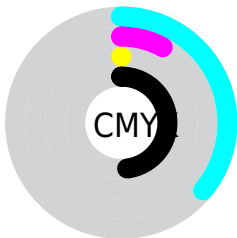
Distribution



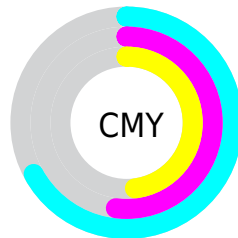
- Red (33%)
- Green (48%)
- Blue (52%)



- Red (33%)
- Yellow (42%)
- Blue (52%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (67%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.0770, -25.2620, -4.7340 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 112.0770, -25.2620, -4.7340 by changing the saturation by 10% instead.

■ 112.0770,
-25.2620, -4.7340

■ 112.0770,
-25.2620, -4.7340

■ 255.0000, -0.0000,
-0.0000

■ 87.0770, -25.2620,
-4.7340

■ 163.8920,
-26.1790, -4.6350

■ 63.0770, -25.2620,
-4.7340

■ 191.5930,
-26.7750, -4.8470

■ 39.4680, -27.9210,
-6.1050

■ 219.5930,
-26.7750, -4.8470

■ 21.9420, -20.4480,
-3.8720

■ 244.2360,
-21.4560, -7.6320

■ 2.5250, -5.7320,
4.7640

■ 252.9070, -4.1720,
-1.4840

■ 0.0000, 0.0000,
0.0000

■ 112.0770,
-25.2620, -4.7340

■ 112.0770,
-25.2620, -4.7340

■ 106.4290,
-32.1850, -5.9210

■ 117.7250,
-18.3390, -3.5470

■ 100.7810,
-39.1080, -7.1080

■ 123.3730,
-11.4160, -2.3600

■ 95.4210, -46.9020,
-9.0300

■ 128.7330, -3.6220,
-0.4380

■ 89.7730, -53.8250,
-10.2170

■ 134.3810, 3.3010,
0.7490

■ 84.1250, -60.7480,
-11.4040

■ 140.0290, 10.2240,
1.9360

■ 78.4770, -67.6710,
-12.5910


■ 145.6770, 17.1470,
3.1230

■ 76.0960, -70.9720,
-13.3400

■ 151.3250, 24.0700,
4.3100

■ 156.6850, 31.8640,

6.2320

 162.3330, 38.7870,
7.4190

Harmonies

Analogous

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



111.4100, -22.0060, -8.6780



112.0770, -25.2620, -4.7340



113.8050, -21.3200, 0.9200

Triad

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



112.0770, -25.2620, -4.7340



118.7830, 11.2770, 10.3890



115.1610, 9.4920, -6.8280

Complementary

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



112.0770, -25.2620, -4.7340



104.9230, 25.2620, 4.7340

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.



116.5150, 17.4230, -1.8810



112.0770, -25.2620, -4.7340



118.2090, 18.7050, 7.9290

Square

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



112.0770, -25.2620, -4.7340



117.8080, 0.9610, 10.1210



117.5310, 20.4940, 3.0380



113.3060, -1.2820, -9.8100

Rectangle

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



112.0770, -25.2620, -4.7340



115.7350, -15.1310, 4.3970



117.5310, 20.4940, 3.0380



115.6560, 12.4720, -5.7680

Sweetspot

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



112.0770, -25.2620, -4.7340



162.9710, -10.2240, -1.9360



113.6150, -15.8140, -21.7820



81.6510, -6.3270, -0.9750



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



112.0770, -25.2620, -4.7340



139.4820, -39.7040, -7.3200



98.5760, -18.9370, 7.2950



63.6190, -3.3010, -0.7490



74.6940, -69.7800, -12.9160



1.5160, -1.5130, -0.1130

Inverse Universe

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



103.2710, 16.1350, 21.4710



125.7380, 25.4860, 33.7260



118.4240, 18.9370, -7.2950



62.3640, 1.9710, 2.8270



50.4980, 44.7380, 59.2820



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 112.0770, -25.2620, -4.7340 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 × Fail

Black Background



This preview shows how the YIQ color 112.0770, -25.2620, -4.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

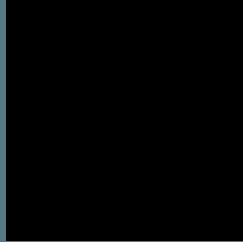
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.0770, -25.2620, -4.7340

Background



This preview shows how black text looks on a background with the YIQ color 112.0770, -25.2620, -4.7340.



This preview shows how white text looks on a background with the YIQ color 112.0770, -25.2620, -4.7340.

-4.7340.

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

112.0770, -25.2620, -4.7340

Protanopia

116.1830, -4.7690, 3.8310

Deuteranopia

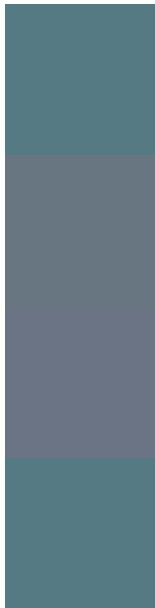
116.8890, -3.7610, 7.5910



Tritanopia

112.0770, -25.2620, -4.7340

Trichromacy



Original Color

112.0770, -25.2620, -4.7340

Protanomaly

114.7690, -12.4710, 0.2410

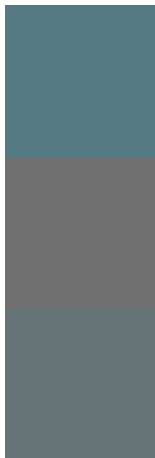
Deuteranomaly

114.9480, -11.4170, 3.1670

Tritanomaly

112.0770, -25.2620, -4.7340

Monochromacy



Original Color

112.0770, -25.2620, -4.7340

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1560, -9.3070, -2.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0770, -25.2620, -4.7340 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(85, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(85, 122, 132)  
}
```

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(85, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 122, 132) }
```

Border

The CSS property to change the border of an element to YIQ 112.0770, -25.2620, -4.7340 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(85, 122, 132) }
```


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

```
.border{ border-color:rgb(85, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(85, 122,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 112.0770, -25.2620, -4.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 122, 132) }
```

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

```
.background{ background-color: rgb(85, 122,  
132) }
```

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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