

Converting Colors

YIQ(145.2990, -25.7670,
-1.0870)

Have a look what the booklet for
YIQ(145.2990, -25.7670, -1.0870)
contains.

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Color

**YIQ(145.2990, -25.7670,
-1.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	7899AC
RGB	120, 153, 172
RGB Percent	47%, 60%, 67%
CMY	0.5295, 0.3999, 0.3256
CMYK	0.30, 0.11, 0.00, 0.33
HSL	202°, 24%, 57%
HSV	202°, 30%, 67%
XYZ	26.5804, 29.7563, 43.3573
YIQ	145.2990, -25.7670, -1.0870

Conversions

Conversions Part 2

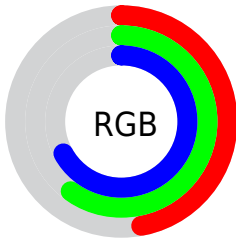
Format	Color
R _Y B	120, 140, 172
Decimal	7903660
CIE Lab	61.44, -6.84, -13.62
CIE LCh	61, 15.236, 243.345
Yxy	29.7563, 0.2666, 0.2985
Android (android.graphics.Color)	4286093740 (0xFF7899AC)
YUV	145.2990, 13.1636, -22.1872
Hunter-Lab	54.5493, -8.4831, -8.9408

Details

The YIQ color $145.2990, -25.7670, -1.0870$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $146.7010, 25.7670, 1.0870$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $199.1140, -26.6840, -0.9880$, and $94.1850, -25.4460, -1.3980$ is the 20% darker color. If you saturate the color by 10%, you get $136.6940, -34.2490, -1.5530$, and if you desaturate by 10%, it is $153.9040, -17.2850, -0.6210$.

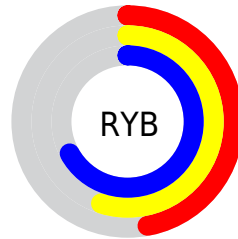
Distribution



Red (47%)

Green (60%)

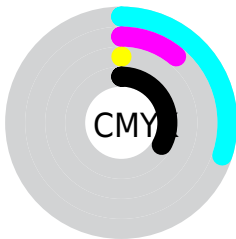
Blue (67%)



Red (47%)

Yellow (55%)

Blue (67%)

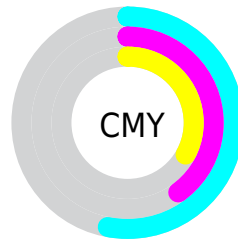


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.2990, -25.7670, -1.0870 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 145.2990, -25.7670, -1.0870 by changing the saturation by 10% instead.

■ 145.2990,
-25.7670, -1.0870

■ 145.2990,
-25.7670, -1.0870

■ 255.0000, -0.0000,
-0.0000

■ 119.1850,
-25.4460, -1.3980

■ 199.1140,
-26.6840, -0.9880

■ 94.1850, -25.4460,
-1.3980

■ 227.7010,
-26.9590, -1.5110

■ 70.0710, -25.1250,
-1.7090

■ 247.5250,
-14.9000, -5.3000

■ 46.3590, -25.9960,
-2.4440

■ 25.5440, -25.0790,
-2.5430

■ 9.6490, -12.0130,
2.9550

■ 0.0000, 0.0000,

0.0000

■ 145.2990,
-25.7670, -1.0870

■ 145.2990,
-25.7670, -1.0870

■ 136.6940,
-34.2490, -1.5530

■ 153.9040,
-17.2850, -0.6210

■ 127.5020,
-42.4560, -1.4960

■ 163.0960, -9.0780,
-0.6780

■ 118.5980,
-51.5340, -2.1740

■ 172.0000, -0.0000,
-0.0000

■ 109.9930,
-60.0160, -2.6400

■ 180.6050, 8.4820,
0.4660

■ 101.3880,
-68.4980, -3.1060

■ 189.2100, 16.9640,
0.9320

■ 92.1960, -76.7050,
-3.0490

■ 198.4020, 25.1710,
0.8750

■ 83.5910, -85.1870,
-3.5150

■ 207.0070, 33.6530,
1.3410

■ 215.0140, 40.9430,
1.3830

■ 218.5360, 39.2930,
-1.7550

Harmonies

Analogous

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



143.9410, -27.8750, -6.9390



145.2990, -25.7670, -1.0870



147.7780, -16.6900, 5.1180

Triad

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



145.2990, -25.7670, -1.0870



150.9750, 19.4840, 10.3320



146.0460, 2.3860, -10.2060

Complementary

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



145.2990, -25.7670, -1.0870



146.7010, 25.7670, 1.0870

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.



147.7270, 13.7100, -6.1780



145.2990, -25.7670, -1.0870



150.0800, 23.3820, 5.7660

Square

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



145.2990, -25.7670, -1.0870



151.0540, 9.0760, 11.7320



149.0210, 21.8700, 0.1260



144.4620, -10.5890, -11.8450

Rectangle

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



145.2990, -25.7670, -1.0870



149.3770, -8.0710, 8.6090



149.0210, 21.8700, 0.1260



147.0250, 6.8790, -9.0330

Sweetspot

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



145.2990, -25.7670, -1.0870



213.9110, -9.9950, -0.5790



152.5760, -20.0780, -21.5980



106.0640, -6.0520, -0.4520



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



145.2990, -25.7670, -1.0870



183.0570, -39.7050, -1.7930



130.6240, -18.8920, 11.9880



82.5480, -4.5390, -0.3390



73.4520, -74.5500, -3.5580



11.4270, -11.5080, -0.6920

Inverse Universe

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



139.3100, 20.3990, 21.2870



173.7340, 31.3090, 32.8210



161.3760, 18.8920, -11.9880



81.3750, 3.4380, 3.7740



55.7940, 58.5840, 61.6560



8.5870, 8.8930, 9.5410

Previews

White Background



This preview shows how the YIQ color 145.2990, -25.7670, -1.0870 looks on a white background.

Color Contrast Check

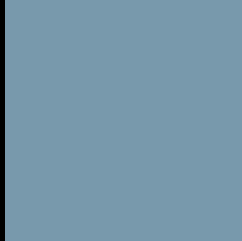
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 145.2990, -25.7670, -1.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

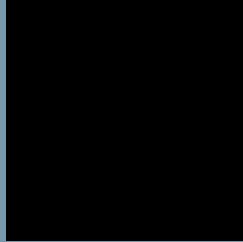
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

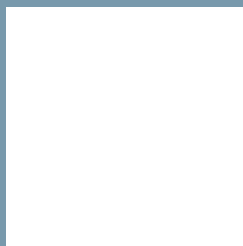
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 145.2990, -25.7670, -1.0870

Background



This preview shows how black text looks on a background with the YIQ color 145.2990, -25.7670, -1.0870.



This preview shows how white text looks on a background with the YIQ color 145.2990, -25.7670, -1.0870.

-1.0870.

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

145.2990, -25.7670, -1.0870

Protanopia

148.7960, -7.9330, 6.1070

Deuteranopia

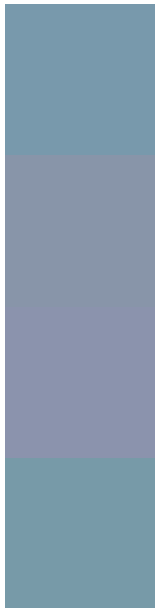
149.2140, -6.0540, 10.6020



Tritanopia

144.9030, -24.7120, -3.6880

Trichromacy



Original Color

145.2990, -25.7670, -1.0870

Protanomaly

147.3930, -14.1680, 3.4640

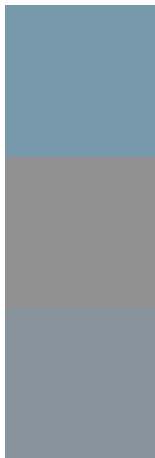
Deuteranomaly

147.5720, -13.1140, 6.3900

Tritanomaly

145.1310, -25.3540, -3.0660

Monochromacy



Original Color

145.2990, -25.7670, -1.0870

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.2100, -9.3990, -0.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2990, -25.7670, -1.0870 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(120, 153, 172)` looks like.

```
.text, #text, p{  
    color:rgb(120, 153, 172)  
}
```

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(120, 153, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 153, 172) }
```

Border

The CSS property to change the border of an element to YIQ 145.2990, -25.7670, -1.0870 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(120, 153, 172) }
```


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

```
.border{ border-color:rgb(120, 153, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 153, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 153, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 153, 172);  
box-shadow:4px 4px 4px 4px rgb(120, 153,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2990, -25.7670, -1.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 153, 172) }
```

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

```
.background{ background-color: rgb(120,  
153, 172) }
```

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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