

Converting Colors

YIQ(152.7600, -25.4470, 4.1290)

Have a look what the booklet for
YIQ(152.7600, -25.4470, 4.1290)
contains.

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Color

**YIQ(152.7600, -25.4470,
4.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	839DBC
RGB	131, 157, 188
RGB Percent	51%, 62%, 74%
CMY	0.4863, 0.3843, 0.2629
CMYK	0.30, 0.16, 0.00, 0.26
HSL	213°, 30%, 63%
HSV	213°, 30%, 74%
XYZ	30.4909, 32.5716, 52.2388
YIQ	152.7600, -25.4470, 4.1290

Conversions

Conversions Part 2

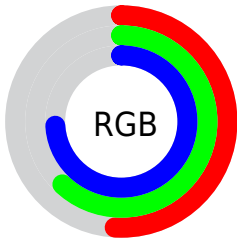
Format	Color
R_{YB}	131, 149, 188
Decimal	8625596
CIE _{Lab}	63.81, -1.74, -18.96
CIE _{LCh}	64, 19.042, 264.757
Yxy	32.5716, 0.2644, 0.2825
Android (android.graphics.Color)	4286815676 (0xFF839DBC)
YUV	152.7600, 17.3733, -19.0835
Hunter-Lab	57.0715, -4.5101, -14.3194

Details

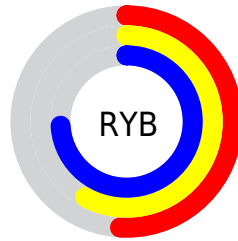
The YIQ color **152.7600, -25.4470, 4.1290** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **166.2400, 25.4470, -4.1290**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.9880, -26.0890, 4.7510**, and **101.5320, -24.8050, 3.5070** is the 20% darker color. If you saturate the color by 10%, you get **141.2090, -34.0210, 5.3310**, and if you desaturate by 10%, it is **164.3110, -16.8730, 2.9270**.

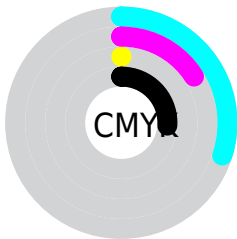
Distribution



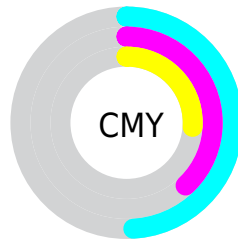
- Red (51%)
- Green (62%)
- Blue (74%)



- Red (51%)
- Yellow (58%)
- Blue (74%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (49%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.7600, -25.4470, 4.1290 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 152.7600, -25.4470, 4.1290 by changing the saturation by 10% instead.

■ 152.7600,
-25.4470, 4.1290

■ 152.7600,
-25.4470, 4.1290

■ 255.0000, -0.0000,
-0.0000

■ 126.6460,
-25.1260, 3.8180

■ 206.9880,
-26.0890, 4.7510

■ 101.5320,
-24.8050, 3.5070

■ 233.6370,
-20.9070, -1.0590

■ 77.0050, -24.7590,
2.6730

■ 251.1130, -7.7480,
-2.7560

■ 53.2930, -25.6300,
1.9380

■ 29.3850, -28.8850,
0.3550

■ 13.9520, -17.2400,
4.0720

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 152.7600,
-25.4470, 4.1290

■ 152.7600,
-25.4470, 4.1290

■ 141.2090,
-34.0210, 5.3310

■ 164.3110,
-16.8730, 2.9270

■ 129.6580,
-42.5950, 6.5330

■ 175.8620, -8.2990,
1.7250

■ 117.8190,
-50.2980, 8.4700

■ 187.7010, -0.5960,
-0.2120

■ 106.2680,
-58.8720, 9.6720

■ 199.2520, 7.9780,
-1.4140

■ 94.7170, -67.4460,
10.8740

■ 210.8030, 16.5520,
-2.6160

■ 83.1660, -76.0200,
12.0760

■ 222.3540, 25.1260,
-3.8180

■ 71.9140, -83.9980,
13.4900

■ 231.5130, 28.9320,
-6.7160

■ 237.9700, 25.9070,
-12.4690

■ 243.8400, 23.1570,
-17.6990

Harmonies

Analogous

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



149.6290, -35.6240, -4.1680



152.7600, -25.4470, 4.1290



155.7730, -9.1260, 11.2100

Triad

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



152.7600, -25.4470, 4.1290



156.8250, 28.6540, 9.3420



150.2510, -8.6170, -14.5450

Complementary

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



152.7600, -25.4470, 4.1290



166.2400, 25.4470, -4.1290

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.



152.3300, 7.3380, -11.8460



152.7600, -25.4470, 4.1290



155.8970, 28.1510, 1.9350

Square

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



152.7600, -25.4470, 4.1290



157.8660, 21.4090, 13.9930



153.8480, 20.6790, -5.8250



148.1660, -24.4350, -14.2190

Rectangle

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



152.7600, -25.4470, 4.1290



157.5140, 1.9690, 13.8810



153.8480, 20.6790, -5.8250



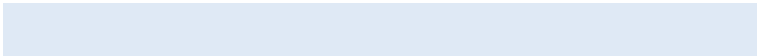
150.8880, -3.1610, -14.3050

Sweetspot

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



152.7600, -25.4470, 4.1290



231.3780, -9.8120, 1.6120



167.8790, -25.3050, -20.4810



114.0040, -5.8230, 0.9050



250.0000, 0.0000, 0.0000



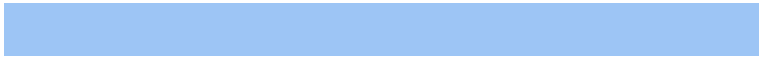
122.0000, 0.0000, -0.0000

Same Dimension

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



152.7600, -25.4470, 4.1290



190.5120, -39.2480, 6.4480



138.0960, -17.1050, 18.1510



88.3740, -3.9890, 0.7070



60.2760, -70.5180, 11.4820



11.7520, -13.8010, 2.3190

Inverse Universe

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



151.0070, 25.6260, 20.1700



187.8720, 39.6080, 31.0960



180.9040, 17.1050, -18.1510



88.1470, 4.0800, 3.1520



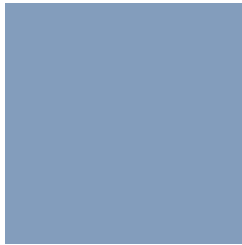
55.4500, 71.0560, 55.8880



10.8650, 13.9820, 10.9260

Previews

White Background



This preview shows how the YIQ color 152.7600, -25.4470, 4.1290 looks on a white background.

Color Contrast Check

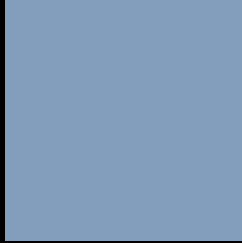
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 152.7600, -25.4470, 4.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

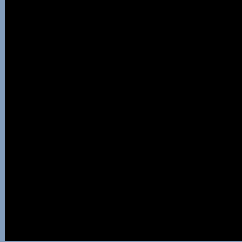
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

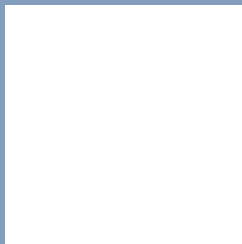
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 152.7600, -25.4470, 4.1290

Background



This preview shows how black text looks on a background with the YIQ color 152.7600, -25.4470, 4.1290.



This preview shows how white text looks on a background with the YIQ color 152.7600, -25.4470,

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

152.7600, -25.4470, 4.1290

Protanopia

154.8540, -13.8480, 8.6800

Deuteranopia

155.6310, -11.6020, 12.0300



Tritanopia

151.8000, -22.9240, -3.0520

Trichromacy



Original Color

152.7600, -25.4470, 4.1290

Protanomaly

153.7610, -18.0200, 7.1960

Deuteranomaly

154.4130, -16.9200, 9.2880

Tritanomaly

152.1960, -23.9790, -0.4510

Monochromacy



Original Color

152.7600, -25.4470, 4.1290

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.6770, -9.2160, 1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.7600, -25.4470, 4.1290 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(131, 157, 188)` looks like.

```
.text, #text, p{  
    color:rgb(131, 157, 188)  
}
```

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(131, 157, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 157, 188) }
```

Border

The CSS property to change the border of an element to YIQ 152.7600, -25.4470, 4.1290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

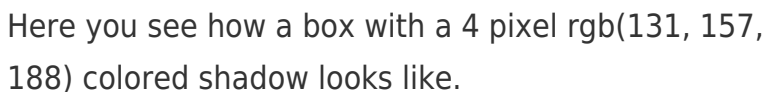
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 157, 188) }
```


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

```
.border{ border-color:rgb(131, 157, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 157, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 157, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 157, 188); box-shadow:4px 4px 4px 4px rgb(131, 157, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 152.7600, -25.4470, 4.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 157, 188) }
```

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

```
.background{ background-color: rgb(131,  
157, 188) }
```

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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