

Converting Colors

YIQ(155.4260, -45.2980,
-5.0580)

Have a look what the booklet for
YIQ(155.4260, -45.2980, -5.0580)
contains.

YIQ(155.4260, -45.2980, -5.0580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(155.4260, -45.2980,
-5.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	6DABC5
RGB	109, 171, 197
RGB Percent	43%, 67%, 77%
CMY	0.5727, 0.3293, 0.2276
CMYK	0.45, 0.13, 0.00, 0.23
HSL	198°, 43%, 60%
HSV	198°, 45%, 77%
XYZ	30.9426, 36.4137, 58.1904
YIQ	155.4260, -45.2980, -5.0580

Conversions

Conversions Part 2

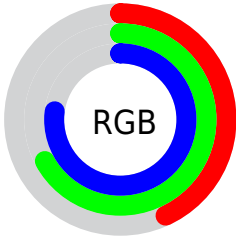
Format	Color
RYB	109, 145, 197
Decimal	7187397
CIELab	66.83, -13.09, -19.48
CIElCh	67, 23.471, 236.116
Yxy	36.4137, 0.2465, 0.2900
Android (android.graphics.Color)	4285377477 (0xFF6DABC5)
YUV	155.4260, 20.4960, -40.7156
Hunter-Lab	60.3437, -14.0717, -14.9336

Details

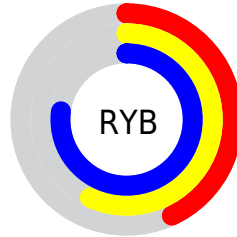
The YIQ color **155.4260, -45.2980, -5.0580** is a light color, and the websafe version is hex **669999**. A complement of this color would be **150.5740, 45.2980, 5.0580**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6540, -45.9400, -4.4360**, and **102.0020, -47.0400, -6.5280** is the 20% darker color. If you saturate the color by 10%, you get **145.9240, -55.5680, -6.1600**, and if you desaturate by 10%, it is **164.9280, -35.0280, -3.9560**.

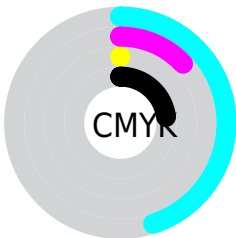
Distribution



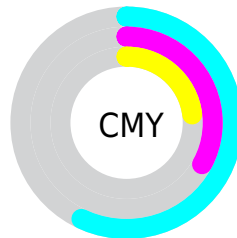
- Red (43%)
- Green (67%)
- Blue (77%)



- Red (43%)
- Yellow (57%)
- Blue (77%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (57%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.4260, -45.2980, -5.0580 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 155.4260, -45.2980, -5.0580 by changing the saturation by 10% instead.

■ 155.4260,
-45.2980, -5.0580

■ 155.4260,
-45.2980, -5.0580

■ 255.0000, -0.0000,
-0.0000

■ 128.4260,
-45.2980, -5.0580

■ 210.6540,
-45.9400, -4.4360

■ 102.0020,
-47.0400, -6.5280

■ 236.4620,
-36.9520, -13.1440

■ 74.1970, -52.0830,
-8.7470

■ 245.1330,
-19.6680, -6.9960

■ 51.6920, -49.1030,
-7.6870

■ 253.8040, -2.3840,
-0.8480

■ 36.0420, -35.3490,
-3.6450

■ 21.7940, -22.7870,
-0.0270

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 155.4260,
-45.2980, -5.0580

■ 155.4260,
-45.2980, -5.0580

■ 145.9240,
-55.5680, -6.1600

■ 164.9280,
-35.0280, -3.9560

■ 136.7210,
-65.2420, -7.0500

■ 174.1310,
-25.3540, -3.0660

■ 127.8060,
-75.7870, -8.6750

■ 183.0460,
-14.8090, -1.4410

■ 118.3040,
-86.0570, -9.7770

■ 192.5480, -4.5390,
-0.3390

■ 108.8020,
-96.3270, -10.8790

■ 201.7510, 5.1350,
0.5510

■ 104.0510,
-101.4620, -11.4300

■ 211.2530, 15.4050,
1.6530

■ 220.7550, 25.6750,
2.7550

■ 226.0820, 29.0680,
1.8360

■ 229.6040, 27.4180,
-1.3020

Harmonies

Analogous

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



152.8570, -45.4340, -13.6100



155.4260, -45.2980, -5.0580



159.8780, -31.5910, 5.3450

Triad

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



155.4260, -45.2980, -5.0580



166.1980, 26.4060, 17.0460



159.7060, 9.0350, -15.0690

Complementary

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



155.4260, -45.2980, -5.0580



150.5740, 45.2980, 5.0580

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.



161.8330, 25.0350, -7.6770



155.4260, -45.2980, -5.0580



165.0000, 35.5310, 11.3630

Square

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



155.4260, -45.2980, -5.0580



165.7540, 10.2210, 18.5170



163.6050, 34.8450, 1.7650



156.7620, -11.7340, -18.6300

Rectangle

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



155.4260, -45.2980, -5.0580



163.3960, -18.2500, 11.3660



163.6050, 34.8450, 1.7650



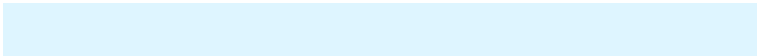
160.3970, 14.3990, -13.1610

Sweetspot

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



155.4260, -45.2980, -5.0580



239.2630, -16.9180, -1.7660



163.5060, -32.2250, -38.2490



117.6120, -10.5910, -0.7910



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



155.4260, -45.2980, -5.0580



189.6710, -70.9730, -7.8130



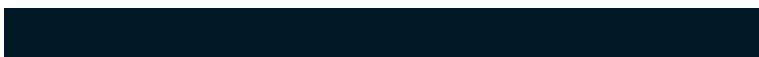
130.1850, -33.4730, 17.4310



95.1350, -4.8140, -0.8620



86.0870, -83.9480, -9.4520



18.7790, -18.4310, -1.8790

Inverse Universe

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



142.3800, 32.5460, 37.9380



169.3200, 51.1110, 59.4230



175.8150, 33.4730, -17.4310



93.4890, 3.1170, 4.0850



61.8470, 60.2330, 70.3210



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 155.4260, -45.2980, -5.0580 looks on a white background.

Color Contrast Check

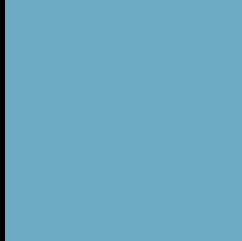
Large Text (above 18pt) WCAG AA × Fail

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 155.4260, -45.2980, -5.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

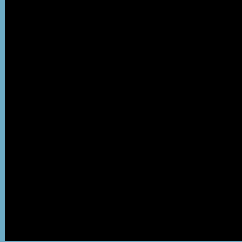
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.4260, -45.2980, -5.0580

Background



This preview shows how black text looks on a background with the YIQ color 155.4260, -45.2980, -5.0580.



This preview shows how white text looks on a background with the YIQ color 155.4260, -45.2980, -5.0580.

-5.0580.

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

155.4260, -45.2980, -5.0580

Protanopia

162.8110, -12.2890, 7.9590

Deuteranopia

163.6740, -13.1610, 12.7510



Tritanopia

154.5630, -44.4260, -9.8500

Trichromacy



Original Color

155.4260, -45.2980, -5.0580

Protanomaly

160.4180, -24.4840, 3.1960

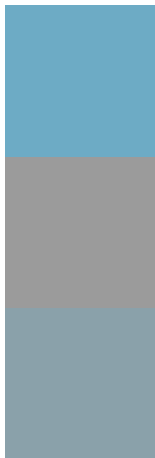
Deuteranomaly

160.5260, -24.6680, 6.5320

Tritanomaly

154.7310, -44.8390, -7.8710

Monochromacy



Original Color

155.4260, -45.2980, -5.0580

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1490, -16.5970, -2.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.4260, -45.2980, -5.0580 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(109, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(109, 171, 197)  
}
```

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(109, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 171, 197) }
```

Border

The CSS property to change the border of an element to YIQ 155.4260, -45.2980, -5.0580 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(109, 171, 197) }
```


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

```
.border{ border-color:rgb(109, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(109, 171,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 155.4260, -45.2980, -5.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 171, 197) }
```

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

```
.background{ background-color: rgb(109,  
171, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor