

Converting Colors

YIQ(88.5940, -44.5700, 25.8140)

Have a look what the booklet for
YIQ(88.5940, -44.5700, 25.8140)
contains.

YIQ(88.5940, -44.5700, 25.8140)	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(88.5940, -44.5700,
25.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	3E54B6
RGB	62, 84, 182
RGB Percent	24%, 33%, 71%
CMY	0.7568, 0.6705, 0.2865
CMYK	0.66, 0.54, 0.00, 0.29
HSL	229°, 49%, 48%
HSV	229°, 66%, 71%
XYZ	13.5946, 10.7411, 45.5778
YIQ	88.5940, -44.5700, 25.8140

Conversions

Conversions Part 2

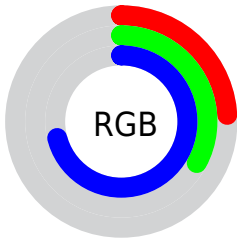
Format	Color
R _Y B	62, 81, 182
Decimal	4084918
CIE Lab	39.14, 23.81, -54.54
CIE LCh	39, 59.510, 293.583
Yxy	10.7411, 0.1944, 0.1536
Android (android.graphics.Color)	4282274998 (0xFF3E54B6)
YUV	88.5940, 46.0492, -23.3229
Hunter-Lab	32.7736, 16.6890, -59.5123

Details

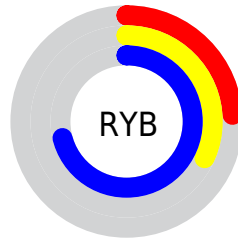
The YIQ color **88.5940, -44.5700, 25.8140** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **155.4060, 44.5700, -25.8140**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.7950, -40.5820, 30.6340**, and **38.0720, -52.0880, 18.8880** is the 20% darker color. If you saturate the color by 10%, you get **74.4070, -51.1730, 29.8430**, and if you desaturate by 10%, it is **102.7810, -37.9670, 21.7850**.

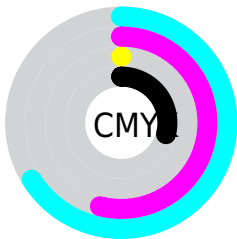
Distribution



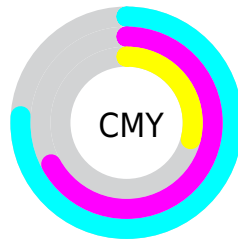
- Red (24%)
- Green (33%)
- Blue (71%)



- Red (24%)
- Yellow (32%)
- Blue (71%)



- Cyan (66%)
- Magenta (54%)
- Yellow (0%)
- Black (29%)



- Cyan (76%)
- Magenta (67%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.5940, -44.5700, 25.8140 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 88.5940, -44.5700, 25.8140 by changing the saturation by 10% instead.

■ 88.5940, -44.5700,
25.8140

■ 88.5940, -44.5700,
25.8140

■ 255.0000, -0.0000,
-0.0000

■ 60.3540, -52.8220,
21.1780

■ 141.7950,
-40.5820, 30.6340

■ 38.0720, -52.0880,
18.8880

■ 167.5520,
-35.5840, 28.1600

■ 23.9550, -38.5170,
20.7390

■ 192.0720,
-25.7250, 20.1870

■ 8.8920, -25.0380,
24.2580

■ 217.1790,
-16.1410, 11.6910

■ 9.0910, -18.7090,
14.1790

■ 242.5850, -5.9610,
3.4070

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,
0.0000

■ 88.5940, -44.5700,
25.8140

■ 88.5940, -44.5700,
25.8140

■ 74.4070, -51.1730,
29.8430

■ 102.7810,
-37.9670, 21.7850

■ 60.2200, -57.7760,
33.8720

■ 116.9680,
-31.3640, 17.7560

■ 45.7340, -64.9750,
37.6890

■ 131.4540,
-24.1650, 13.9390

■ 40.1190, -67.4970,
39.3430

■ 145.0540,
-17.2870, 10.4330

■ 159.2410,
-10.6840, 6.4040

■ 173.4280, -4.0810,
2.3750

■ 187.6150, 2.5220,
-1.6540

■ 202.1010, 9.7210,
-5.4710

■ 216.2880, 16.3240,
-9.5000

Harmonies

Analogous

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



80.8330, -88.4440, 5.9560



88.5940, -44.5700, 25.8140



92.7070, 18.7440, 45.7840

Triad

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



88.5940, -44.5700, 25.8140



85.1840, 72.5790, 0.7310



74.8640, -56.4800, -33.6960

Complementary

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



88.5940, -44.5700, 25.8140



155.4060, 44.5700, -25.8140

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.



67.1750, -38.9630, -48.2990



88.5940, -44.5700, 25.8140



87.2480, 48.1910, -19.8490

Square

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



88.5940, -44.5700, 25.8140



80.8300, 74.9570, 34.7410



82.0110, 17.5210, -36.7110



81.1510, -72.8050, -18.6690

Rectangle

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



88.5940, -44.5700, 25.8140



85.7230, 48.1780, 52.0020



82.0110, 17.5210, -36.7110



72.9260, -51.0230, -38.9830

Sweetspot

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



88.5940, -44.5700, 25.8140



200.0540, -17.2870, 10.4330



143.3840, -63.8160, -32.9040



97.2410, -10.6840, 6.4040



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



88.5940, -44.5700, 25.8140



91.2760, -69.3770, 40.3750



86.4440, -17.0640, 44.9520



84.6130, -3.1640, 2.2760



34.8070, -58.0510, 33.3490



6.1270, -10.3630, 6.0930

Inverse Universe

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



100.3880, 64.4580, 32.2820



109.7890, 100.5380, 50.2180



157.5560, 17.0640, -44.9520



85.8050, 5.0430, 2.2190



49.9500, 83.6670, 42.0910



8.9420, 15.0830, 7.4910

Previews

White Background



This preview shows how the YIQ color 88.5940, -44.5700, 25.8140 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 88.5940, -44.5700, 25.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

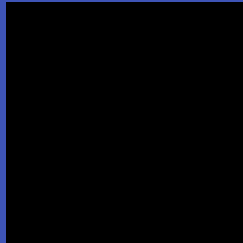
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.5940, -44.5700, 25.8140

Background



This preview shows how black text looks on a background with the YIQ color 88.5940, -44.5700, 25.8140.



This preview shows how white text looks on a background with the YIQ color 88.5940, -44.5700,

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

88.5940, -44.5700, 25.8140

Protanopia

77.7580, -74.6910, 15.5250

Deuteranopia

73.7600, -78.1730, 1.5310



Tritanopia

72.4140, -63.3600, -19.1360

Trichromacy



Original Color

88.5940, -44.5700, 25.8140

Protanomaly

82.0260, -63.6420, 19.0300

Deuteranomaly

79.0870, -65.6120, 10.6760

Tritanomaly

78.1460, -56.0730, -2.5130

Monochromacy



Original Color

88.5940, -44.5700, 25.8140

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.7120, -16.3240, 9.5000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.5940, -44.5700, 25.8140 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(62, 84, 182)` looks like.

```
.text, #text, p{  
    color:rgb(62, 84, 182)  
}
```

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(62, 84, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 84, 182) }
```

Border

The CSS property to change the border of an element to YIQ 88.5940, -44.5700, 25.8140 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(62, 84, 182) }
```


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

```
.border{ border-color:rgb(62, 84, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 84, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 84, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 84, 182);  
box-shadow:4px 4px 4px 4px rgb(62, 84,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 88.5940, -44.5700, 25.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 84, 182) }
```

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

```
.background{ background-color: rgb(62, 84,  
182) }
```

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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