

Converting Colors

YIQ(86.6470, -52.0890, 24.4150)

Have a look what the booklet for
YIQ(86.6470, -52.0890, 24.4150)
contains.

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Color

**YIQ(86.6470, -52.0890,
24.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	3455BA
RGB	52, 85, 186
RGB Percent	20%, 33%, 73%
CMY	0.7961, 0.6666, 0.2709
CMYK	0.72, 0.54, 0.00, 0.27
HSL	225°, 56%, 47%
HSV	225°, 72%, 73%
XYZ	13.5208, 10.7713, 47.7803
YIQ	86.6470, -52.0890, 24.4150

Conversions

Conversions Part 2

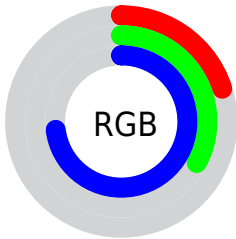
Format	Color
R_{YB}	52, 78, 186
Decimal	3429818
CIE _{Lab}	39.19, 23.11, -56.82
CIE _{LCh}	39, 61.343, 292.133
Yxy	10.7713, 0.1876, 0.1495
Android (android.graphics.Color)	4281619898 (0xFF3455BA)
YUV	86.6470, 48.9810, -30.3854
Hunter-Lab	32.8196, 16.1028, -63.3434

Details

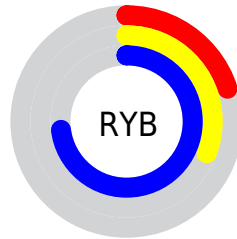
The YIQ color **86.6470, -52.0890, 24.4150** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **151.3530, 52.0890, -24.4150**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.7450, -46.3130, 29.8710**, and **39.1150, -53.6470, 19.6090** is the 20% darker color. If you saturate the color by 10%, you get **72.7480, -59.5630, 27.7090**, and if you desaturate by 10%, it is **100.5460, -44.6150, 21.1210**.

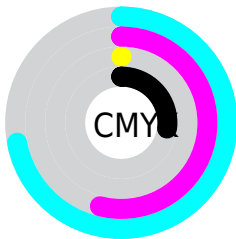
Distribution



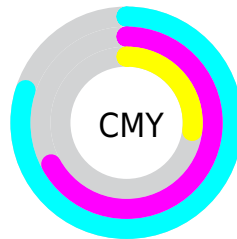
- Red (20%)
- Green (33%)
- Blue (73%)



- Red (20%)
- Yellow (31%)
- Blue (73%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)
- Black (27%)



- Cyan (80%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.6470, -52.0890, 24.4150 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 86.6470, -52.0890, 24.4150 by changing the saturation by 10% instead.

■ 86.6470, -52.0890,
24.4150

■ 86.6470, -52.0890,
24.4150

■ 255.0000, -0.0000,
-0.0000

■ 54.4060, -67.7680,
16.7120

■ 140.7450,
-46.3130, 29.8710

■ 39.1150, -53.6470,
19.6090

■ 166.3450,
-39.4350, 26.3650

■ 24.9980, -40.0760,
21.4600

■ 190.8650,
-29.5760, 18.3920

■ 9.2340, -26.0010,
25.1910

■ 216.2710,
-19.3960, 10.1080

■ 9.4330, -19.6720,
15.1120

■ 241.6770, -9.2160,
1.8240

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 86.6470, -52.0890,
24.4150

■ 86.6470, -52.0890,
24.4150

■ 72.7480, -59.5630,
27.7090

■ 100.5460,
-44.6150, 21.1210

■ 59.1480, -66.4410,
31.2150

■ 114.1460,
-37.7370, 17.6150

■ 48.2060, -72.3560,
33.7880

■ 128.0450,
-30.2630, 14.3210

■ 141.6450,
-23.3850, 10.8150

■ 155.5440,
-15.9110, 7.5210

■ 169.4430, -8.4370,
4.2270

■ 183.0430, -1.5590,
0.7210

■ 196.9420, 5.9150,
-2.5730

■ 210.5420, 12.7930,
-6.0790

Harmonies

Analogous

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



82.3490, -89.9570, 5.8430



86.6470, -52.0890, 24.4150



92.8640, 16.8640, 46.8160

Triad

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



86.6470, -52.0890, 24.4150



84.2060, 75.5130, 2.6250



75.1090, -55.7920, -35.1520

Complementary

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



86.6470, -52.0890, 24.4150



151.3530, 52.0890, -24.4150

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.



66.4910, -37.0370, -50.1650



86.6470, -52.0890, 24.4150



87.5580, 50.2540, -18.6900

Square

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



86.6470, -52.0890, 24.4150



78.9060, 77.7990, 38.3030



82.3100, 18.1170, -36.4990



81.6240, -72.7590, -19.5030

Rectangle

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



86.6470, -52.0890, 24.4150



85.1900, 48.3610, 54.1930



82.3100, 18.1170, -36.4990



72.5840, -50.0600, -39.9160

Sweetspot

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



86.6470, -52.0890, 24.4150



202.6730, -20.5880, 9.6840



142.0580, -68.9500, -38.9820



98.6430, -11.8760, 5.9800



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.



86.6470, -52.0890, 24.4150



87.6490, -80.7930, 38.0150



77.1430, -23.3460, 48.6700



85.2000, -3.4390, 1.7530



40.0900, -60.5260, 28.6420



7.3010, -10.9130, 5.0470

Inverse Universe

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



95.8280, 69.2710, 38.6710



102.0060, 107.5970, 59.9570



160.5580, 22.7500, -48.8820



85.9190, 4.7220, 2.5300



50.9760, 80.7780, 44.8900



9.1700, 14.4410, 8.1130

Previews

White Background



This preview shows how the YIQ color 86.6470, -52.0890, 24.4150 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 86.6470, -52.0890, 24.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

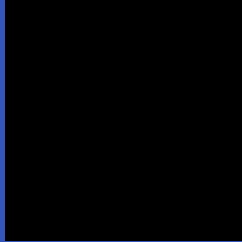
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.6470, -52.0890, 24.4150

Background



This preview shows how black text looks on a background with the YIQ color 86.6470, -52.0890, 24.4150.



This preview shows how white text looks on a background with the YIQ color 86.6470, -52.0890,

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

86.6470, -52.0890, 24.4150

Protanopia

73.0880, -84.5480, 12.4440

Deuteranopia

73.7600, -78.1730, 1.5310



Tritanopia

72.3000, -63.0390, -19.4470

Trichromacy



Original Color

86.6470, -52.0890, 24.4150

Protanomaly

78.0680, -72.6280, 16.6840

Deuteranomaly

78.5920, -68.5920, 9.6160

Tritanomaly

77.6510, -59.0530, -3.5730

Monochromacy



Original Color

86.6470, -52.0890, 24.4150

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.6300, -19.0290, 8.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.6470, -52.0890, 24.4150 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(52, 85, 186)` looks like.

```
.text, #text, p{  
    color:rgb(52, 85, 186)  
}
```

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(52, 85, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 85, 186) }
```

Border

The CSS property to change the border of an element to YIQ 86.6470, -52.0890, 24.4150 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(52, 85, 186) }
```


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

```
.border{ border-color:rgb(52, 85, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 85, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 85, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 85, 186);  
box-shadow:4px 4px 4px 4px rgb(52, 85,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 86.6470, -52.0890, 24.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 85, 186) }
```

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

```
.background{ background-color: rgb(52, 85,  
186) }
```

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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