

Converting Colors

YIQ(108.9890, -53.0520,
25.3480)

Have a look what the booklet for
YIQ(108.9890, -53.0520, 25.3480)
contains.

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Color

**YIQ(108.9890, -53.0520,
25.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6BD3
RGB	74, 107, 211
RGB Percent	29%, 42%, 83%
CMY	0.7098, 0.5803, 0.1728
CMYK	0.65, 0.49, 0.00, 0.17
HSL	226°, 61%, 56%
HSV	226°, 65%, 83%
XYZ	19.8315, 16.6735, 63.7523
YIQ	108.9890, -53.0520, 25.3480

Conversions

Conversions Part 2

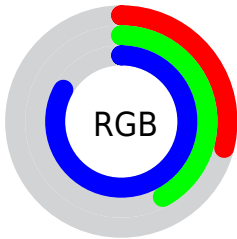
Format	Color
R _Y B	74, 101, 211
Decimal	4877267
CIE Lab	47.85, 21.36, -57.24
CIE LCh	48, 61.094, 290.464
Yxy	16.6735, 0.1978, 0.1663
Android (android.graphics.Color)	4283067347 (0xFF4A6BD3)
YUV	108.9890, 50.2914, -30.6854
Hunter-Lab	40.8332, 15.2343, -63.9855

Details

The YIQ color **108.9890, -53.0520, 25.3480** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **176.0110, 53.0520, -25.3480**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1810, -44.8450, 25.2910**, and **53.5910, -66.8510, 16.6130** is the 20% darker color. If you saturate the color by 10%, you get **93.3180, -61.1680, 29.2640**, and if you desaturate by 10%, it is **124.6600, -44.9360, 21.4320**.

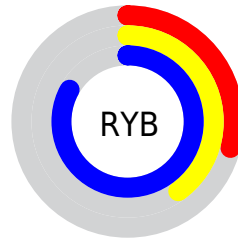
Distribution



Red (29%)

Green (42%)

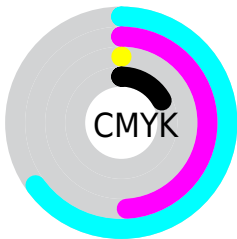
Blue (83%)



Red (29%)

Yellow (40%)

Blue (83%)

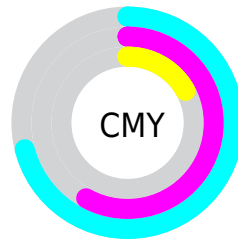


Cyan (65%)

Magenta (49%)

Yellow (0%)

Black (17%)



Cyan (71%)

Magenta (58%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9890, -53.0520, 25.3480 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 108.9890, -53.0520, 25.3480 by changing the saturation by 10% instead.

■ 108.9890,
-53.0520, 25.3480

■ 108.9890,
-53.0520, 25.3480

■ 255.0000, -0.0000,
-0.0000

■ 80.3470, -60.1120,
21.1360

■ 162.1810,
-44.8450, 25.2910

■ 53.5910, -66.8510,
16.6130

■ 187.0000,
-34.3900, 17.5300

■ 38.1860, -52.4090,
19.1990

■ 211.8190,
-23.9350, 9.7690

■ 24.0690, -38.8380,
21.0500

■ 237.8120,
-14.0300, 0.9620

■ 9.4790, -25.3130,
23.7350

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 108.9890,
-53.0520, 25.3480

■ 108.9890,
-53.0520, 25.3480

■ 93.3180, -61.1680,
29.2640

■ 124.6600,
-44.9360, 21.4320

■ 77.6470, -69.2840,
33.1800

■ 140.3310,
-36.8200, 17.5160

■ 61.9760, -77.4000,
37.0960

■ 156.0020,
-28.7040, 13.6000

■ 53.9910, -81.7560,
38.9480

■ 171.6730,
-20.5880, 9.6840

■ 187.3440,
-12.4720, 5.7680

■ 203.3140, -3.7600,
2.0640

■ 218.9850, 4.3560,
-1.8520

■ 234.6560, 12.4720,
-5.7680

■ 247.6360, 15.2240,
-11.5920

Harmonies

Analogous

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



97.9990, -103.7110, 1.8010



108.9890, -53.0520, 25.3480



116.1950, 14.4340, 46.8020

Triad

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



108.9890, -53.0520, 25.3480



108.0970, 77.4380, 6.2860



90.6620, -67.8950, -41.5830

Complementary

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



108.9890, -53.0520, 25.3480



176.0110, 53.0520, -25.3480

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.



90.0570, -32.8190, -49.5150



108.9890, -53.0520, 25.3480



106.7840, 61.1210, -22.9030

Square

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



108.9890, -53.0520, 25.3480



106.0370, 78.8080, 36.5360



102.4110, 27.8380, -41.9700



97.2910, -85.1830, -25.6230

Rectangle

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



108.9890, -53.0520, 25.3480



111.9400, 46.0690, 51.6770



102.4110, 27.8380, -41.9700



88.0230, -61.8420, -46.6580

Sweetspot

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



108.9890, -53.0520, 25.3480



218.9290, -18.4330, 9.1750



166.1610, -70.7380, -39.6180



105.5290, -11.5550, 5.6690



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.



108.9890, -53.0520, 25.3480



106.8620, -77.0790, 36.7850



99.7840, -23.7130, 49.8150



97.0150, -4.3560, 1.8520



43.2190, -65.2030, 30.8050



10.5440, -15.9110, 7.5210

Inverse Universe

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



118.7250, 71.0590, 39.3070



120.9730, 103.1960, 57.1160



185.2160, 23.7130, -49.8150



97.6310, 5.5930, 3.2650



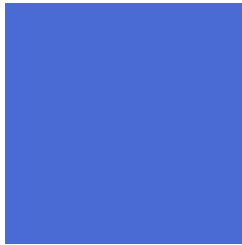
54.9060, 86.9670, 48.3670



13.3990, 21.2260, 11.8020

Previews

White Background



This preview shows how the YIQ color 108.9890, -53.0520, 25.3480 looks on a white background.

Color Contrast Check

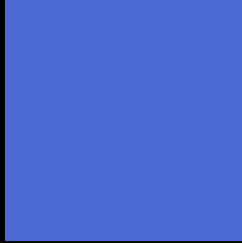
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.9890, -53.0520, 25.3480 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 108.9890, -53.0520, 25.3480

Background



This preview shows how black text looks on a background with the YIQ color 108.9890, -53.0520, 25.3480.



This preview shows how white text looks on a background with the YIQ color 108.9890, -53.0520,

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

108.9890, -53.0520, 25.3480

Protanopia

105.1230, -65.2930, 21.4190

Tritanopia

95.9410, -63.4060, -18.3020

Trichromacy



Original Color

108.9890, -53.0520, 25.3480

Protanomaly

106.5150, -60.5250, 23.1150

Tritanomaly

100.4060, -59.7410, -2.1170

Monochromacy



Original Color

108.9890, -53.0520, 25.3480

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7440, -19.3500, 9.2740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9890, -53.0520, 25.3480 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(74, 107, 211)` looks like.

```
.text, #text, p{  
    color:rgb(74, 107, 211)  
}
```

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(74, 107, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 107, 211) }
```

Border

The CSS property to change the border of an element to YIQ 108.9890, -53.0520, 25.3480 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(74, 107, 211) }
```

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

```
.border{ border-color:rgb(74, 107, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 107, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 107, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 107, 211);  
box-shadow:4px 4px 4px 4px rgb(74, 107,  
211) }
```


Background

The CSS property to change the background color of an element to YIQ 108.9890, -53.0520, 25.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 107, 211) }
```

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

```
.background{ background-color: rgb(74, 107,  
211) }
```

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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