

Converting Colors

YIQ(62.2610, -46.6850, 58.6510)

Have a look what the booklet for
YIQ(62.2610, -46.6850, 58.6510)
contains.

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Color

**YIQ(62.2610, -46.6850,
58.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	3625D6
RGB	54, 37, 214
RGB Percent	21%, 15%, 84%
CMY	0.7880, 0.8549, 0.1611
CMYK	0.75, 0.83, 0.00, 0.16
HSL	246°, 71%, 49%
HSV	246°, 83%, 84%
XYZ	14.3118, 6.9589, 64.1522
YIQ	62.2610, -46.6850, 58.6510

Conversions

Conversions Part 2

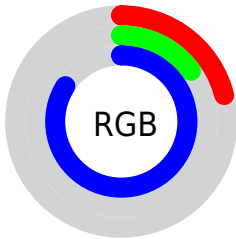
Format	Color
R _Y B	54, 37, 214
Decimal	3548630
CIE Lab	31.71, 60.34, -85.40
CIE LCh	32, 104.571, 305.245
Yxy	6.9589, 0.1675, 0.0815
Android (android.graphics.Color)	4281738710 (0xFF3625D6)
YUV	62.2610, 74.8073, -7.2449
Hunter-Lab	26.3797, 50.6775, -125.7201

Details

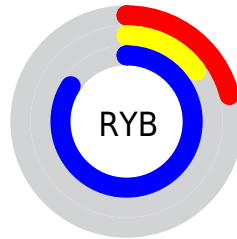
The YIQ color **62.2610, -46.6850, 58.6510** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **188.7390, 46.6850, -58.6510**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.4000, -30.9590, 59.9930**, and **18.0120, -50.7180, 49.1380** is the 20% darker color. If you saturate the color by 10%, you get **44.2530, -52.2340, 65.6060**, and if you desaturate by 10%, it is **80.2690, -41.1360, 51.6960**.

Distribution



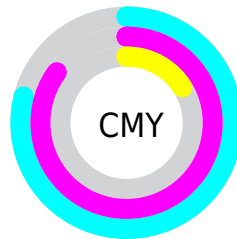
- Red (21%)
- Green (15%)
- Blue (84%)



- Red (21%)
- Yellow (15%)
- Blue (84%)



- Cyan (75%)
- Magenta (83%)
- Yellow (0%)
- Black (16%)



- Cyan (79%)
- Magenta (85%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.2610, -46.6850, 58.6510 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 62.2610, -46.6850, 58.6510 by changing the saturation by 10% instead.

■ 62.2610, -46.6850,
58.6510

■ 62.2610, -46.6850,
58.6510

■ 255.0000, -0.0000,
-0.0000

■ 25.1990, -61.3100,
53.8740

■ 118.4000,
-30.9590, 59.9930

■ 18.0120, -50.7180,
49.1380

■ 143.2300,
-19.0370, 53.1790

■ 14.8200, -41.7300,
40.4300

■ 168.6470, -7.3900,
45.8420

■ 11.8560, -33.3840,
32.3440

■ 193.7650, 3.6610,
38.2930

■ 14.8760, -28.1090,
19.3390

■ 219.4700, 14.4370,
30.2210

■ 9.2050, -19.0300,
14.4900

■ 236.8030, 8.5250,

■ 4.9360, -11.1430,

16.2130

9.2170

253.8260, 0.5500,
1.0460

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 62.2610, -46.6850,
58.6510

■ 62.2610, -46.6850,
58.6510

■ 44.2530, -52.2340,
65.6060

■ 80.2690, -41.1360,
51.6960

■ 30.6750, -56.1780,
71.0060

■ 99.1630, -35.2660,
44.4300

■ 117.1710,
-29.7170, 37.4750

■ 135.7660,
-24.4430, 29.9970

■ 154.0730,
-18.2980, 23.2540

■ 172.0810,
-12.7490, 16.2990

■ 190.6760, -7.4750,
8.8210

■ 208.9830, -1.3300,
2.0780

■ 227.5780, 3.9440,
-5.4000

Harmonies

Analogous

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



78.5260, -102.6160, 31.5280



62.2610, -46.6850, 58.6510



68.9690, 57.4340, 82.5060

Triad

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



62.2610, -46.6850, 58.6510



62.7150, 75.8780, 12.5340



68.7320, -55.7480, -24.9320

Complementary

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



62.2610, -46.6850, 58.6510



188.7390, 46.6850, -58.6510

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.



57.5260, -26.9500, -51.2540



62.2610, -46.6850, 58.6510



68.8200, 25.9090, -23.5230

Square

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



62.2610, -46.6850, 58.6510



56.2120, 112.0480, 39.8560



54.0040, -25.3000, -48.1160



79.2540, -82.6200, -0.4760

Rectangle

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



62.2610, -46.6850, 58.6510



70.2880, 89.6680, 71.0120



54.0040, -25.3000, -48.1160



64.8390, -46.1640, -33.4280

Sweetspot

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



62.2610, -46.6850, 58.6510



200.0900, -16.9680, 21.1760



152.2720, -101.3670, -29.6790



94.6420, -10.1350, 12.9770



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.



62.2610, -46.6850, 58.6510



38.9040, -66.5880, 83.4600



87.9750, 4.5710, 76.8830



97.5530, -2.9350, 3.6330



24.2780, -45.3550, 56.5730



6.0980, -11.4190, 14.2210

Inverse Universe

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



108.1630, 54.1320, 87.2840



104.3400, 77.0040, 124.3320



163.0250, -4.5710, -76.8830



100.4290, 3.3460, 5.4420



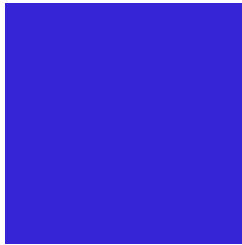
68.6850, 52.4820, 84.1460



17.3030, 13.1090, 21.2450

Previews

White Background



This preview shows how the YIQ color 62.2610, -46.6850, 58.6510 looks on a white background.

Color Contrast Check

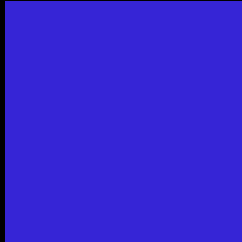
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 62.2610, -46.6850, 58.6510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

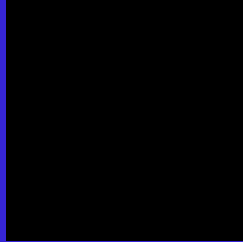
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.2610, -46.6850, 58.6510

Background



This preview shows how black text looks on a background with the YIQ color 62.2610, -46.6850, 58.6510.



This preview shows how white text looks on a background with the YIQ color 62.2610, -46.6850,

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

62.2610, -46.6850, 58.6510

Protanopia

59.4780, -68.2710, 9.3050

Deuteranopia

59.7910, -62.2630, -0.4630



Tritanopia

58.6390, -50.7520, -16.3520

Trichromacy



Original Color

62.2610, -46.6850, 58.6510

Protanomaly

60.4490, -60.1590, 27.4970

Deuteranomaly

60.5000, -56.1690, 21.2630

Tritanomaly

59.8840, -48.9230, 11.0850

Monochromacy



Original Color

62.2610, -46.6850, 58.6510

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0900, -16.9680, 21.1760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.2610, -46.6850, 58.6510 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(54, 37, 214)` looks like.

```
.text, #text, p{  
    color:rgb(54, 37, 214)  
}
```

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(54, 37, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 37, 214) }
```

Border

The CSS property to change the border of an element to YIQ 62.2610, -46.6850, 58.6510 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(54, 37, 214) }
```


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

```
.border{ border-color:rgb(54, 37, 214) }
```

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

Here you see how a box with a 4 pixel rgb(54, 37, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 37, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 37, 214);  
box-shadow:4px 4px 4px 4px rgb(54, 37,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 62.2610, -46.6850, 58.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 37, 214) }
```

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

```
.background{ background-color: rgb(54, 37,  
214) }
```

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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