

Converting Colors

YIQ(42.2710, -43.4770, 66.5950)

Have a look what the booklet for
YIQ(42.2710, -43.4770, 66.5950)
contains.

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Color

**YIQ(42.2710, -43.4770,
66.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0BCC
RGB	42, 11, 204
RGB Percent	16%, 4%, 80%
CMY	0.8350, 0.9570, 0.2003
CMYK	0.79, 0.95, 0.00, 0.20
HSL	250°, 90%, 42%
HSV	250°, 95%, 80%
XYZ	11.9656, 5.0880, 57.4265
YIQ	42.2710, -43.4770, 66.5950

Conversions

Conversions Part 2

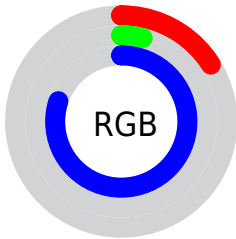
Format	Color
R_{YB}	42, 11, 204
Decimal	2755532
CIE _{Lab}	26.98, 65.32, -87.48
CIE _{LCh}	27, 109.174, 306.747
Yxy	5.0880, 0.1607, 0.0683
Android (android.graphics.Color)	4280945612 (0xFF2A0BCC)
YUV	42.2710, 79.7324, -0.2377
Hunter-Lab	22.5567, 55.2147, -135.1555

Details

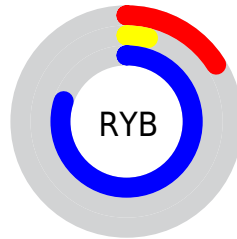
The YIQ color **42.2710, -43.4770, 66.5950** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **172.7290, 43.4770, -66.5950**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.7410, -30.1810, 67.9230**, and **16.8720, -47.5080, 46.0280** is the 20% darker color. If you saturate the color by 10%, you get **33.1230, -45.8160, 70.4400**, and if you desaturate by 10%, it is **59.0940, -38.8450, 59.7390**.

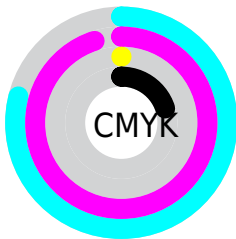
Distribution



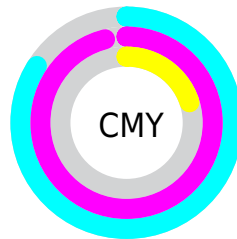
- Red (16%)
- Green (4%)
- Blue (80%)



- Red (16%)
- Yellow (4%)
- Blue (80%)



- Cyan (79%)
- Magenta (95%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (96%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.2710, -43.4770, 66.5950 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 42.2710, -43.4770, 66.5950 by changing the saturation by 10% instead.

■ 42.2710, -43.4770,
66.5950

■ 42.2710, -43.4770,
66.5950

■ 255.0000, -0.0000,
-0.0000

■ 20.0640, -56.4960,
54.7360

■ 105.7410,
-30.1810, 67.9230

■ 16.8720, -47.5080,
46.0280

■ 130.5710,
-18.2590, 61.1090

■ 13.7940, -38.8410,
37.6310

■ 155.6890, -7.2080,
53.5600

■ 15.5260, -32.6950,
25.3610

■ 181.1060, 4.4390,
46.2230

■ 12.6760, -24.6700,
17.5860

■ 206.8110, 15.2150,
38.1510

■ 7.7060, -16.1870,
12.5250

■ 226.2370, 13.4750,


■ 3.4370, -8.3000,


25.6270


7.2520


 243.2600, 5.5000,
10.4600


 0.0000, 0.0000,
0.0000


 42.2710, -43.4770,
66.5950


 42.2710, -43.4770,
66.5950


 33.1230, -45.8160,
70.4400

 59.0940, -38.8450,
59.7390

 76.5040, -34.4880,
52.3600

 93.3270, -29.8560,
45.5040

 110.7370,
-25.4990, 38.1250

 127.8590,
-20.2710, 31.4810

■ 144.6820,
-15.6390, 24.6250

■ 162.0920,
-11.2820, 17.2460

■ 178.9150, -6.6500,
10.3900

■ 196.3250, -2.2930,
3.0110

Harmonies

Analogous

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



71.9720, -97.9400, 34.8920



42.2710, -43.4770, 66.5950



64.9810, 57.1600, 76.4560

Triad

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



42.2710, -43.4770, 66.5950



50.5990, 70.5130, 16.1530



61.0040, -50.5220, -20.5220

Complementary

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



42.2710, -43.4770, 66.5950



172.7290, 43.4770, -66.5950

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.



49.8950, -23.3750, -44.4550



42.2710, -43.4770, 66.5950



58.4540, 18.2520, -22.4200

Square

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



42.2710, -43.4770, 66.5950



52.0260, 103.7040, 36.8880



47.5470, -22.2750, -42.3630



72.3410, -78.3110, 4.0330

Rectangle

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



42.2710, -43.4770, 66.5950



65.5880, 88.5230, 64.2270



47.5470, -22.2750, -42.3630



56.9970, -40.6170, -29.3290

Sweetspot

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



42.2710, -43.4770, 66.5950



195.3830, -16.2350, 24.4130



129.2700, -107.0530, -25.7490



91.1090, -9.9520, 15.1680



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.



42.2710, -43.4770, 66.5950



41.3290, -57.4190, 87.9970



70.3770, 12.5470, 86.5230



93.4390, -2.6140, 3.3220



26.9970, -37.1940, 57.3500



6.1260, -8.6220, 13.0900

Inverse Universe

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



87.1750, 63.0260, 91.2980



100.6410, 83.2860, 120.6140



144.6230, -12.5470, -86.5230



95.9020, 3.3920, 4.6080



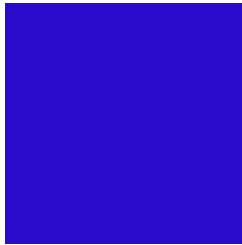
65.4800, 54.3170, 78.4210



15.0100, 12.3760, 18.0080

Previews

White Background



This preview shows how the YIQ color 42.2710, -43.4770, 66.5950 looks on a white background.

Color Contrast Check

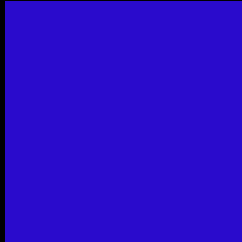
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2710, -43.4770, 66.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

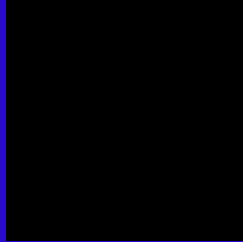
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.2710, -43.4770, 66.5950

Background



This preview shows how black text looks on a background with the YIQ color 42.2710, -43.4770, 66.5950.



This preview shows how white text looks on a background with the YIQ color 42.2710, -43.4770,

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

42.2710, -43.4770, 66.5950

Protanopia

51.3280, -59.1010, 8.3150

Deuteranopia

51.9830, -54.0560, -0.5200

Trichromacy



Original Color

42.2710, -43.4770, 66.5950

Protanomaly

47.7380, -53.6030, 29.8290

Deuteranomaly

48.6040, -50.5300, 23.6940

Monochromacy



Original Color

42.2710, -43.4770, 66.5950

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.2690, -15.9140, 24.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.2710, -43.4770, 66.5950 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(42, 11, 204)` looks like.

```
.text, #text, p{  
    color:rgb(42, 11, 204)  
}
```

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(42, 11, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 11, 204) }
```

Border

The CSS property to change the border of an element to YIQ 42.2710, -43.4770, 66.5950 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(42, 11, 204) }
```

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

```
.border{ border-color:rgb(42, 11, 204) }
```

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

Here you see how a box with a 4 pixel rgb(42, 11, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 11, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 11, 204);  
box-shadow:4px 4px 4px 4px rgb(42, 11,  
204) }
```


Background

The CSS property to change the background color of an element to YIQ 42.2710, -43.4770, 66.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 11, 204) }
```

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

```
.background{ background-color: rgb(42, 11,  
204) }
```

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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