

Converting Colors

YIQ(88.0910, -54.2400, 2.8160)

Have a look what the booklet for
YIQ(88.0910, -54.2400, 2.8160)
contains.

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Color

**YIQ(88.0910, -54.2400,
2.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	266599
RGB	38, 101, 153
RGB Percent	15%, 40%, 60%
CMY	0.8511, 0.6038, 0.4003
CMYK	0.75, 0.34, 0.00, 0.40
HSL	207°, 60%, 37%
HSV	207°, 75%, 60%
XYZ	11.1989, 12.0218, 31.8390
YIQ	88.0910, -54.2400, 2.8160

Conversions

Conversions Part 2

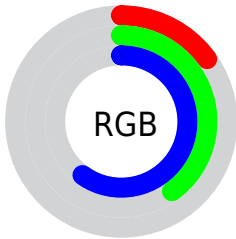
Format	Color
R_{YB}	38, 79, 153
Decimal	2516377
CIE _{Lab}	41.25, -1.65, -34.04
CIE _{LCh}	41, 34.080, 267.227
Yxy	12.0218, 0.2034, 0.2183
Android (android.graphics.Color)	4280706457 (0xFF266599)
YUV	88.0910, 32.0001, -43.9298
Hunter-Lab	34.6724, -3.0230, -30.1740

Details

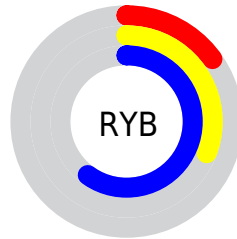
The YIQ color **88.0910, -54.2400, 2.8160** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **102.9090, 54.2400, -2.8160**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5370, -49.5640, 6.1800**, and **43.9130, -47.8670, 2.9570** is the 20% darker color. If you saturate the color by 10%, you get **79.4970, -61.2550, 3.2970**, and if you desaturate by 10%, it is **96.6850, -47.2250, 2.3350**.

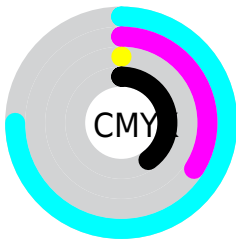
Distribution



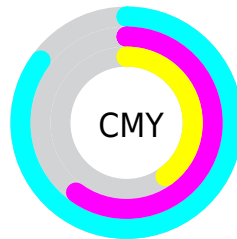
- Red (15%)
- Green (40%)
- Blue (60%)



- Red (15%)
- Yellow (31%)
- Blue (60%)



- Cyan (75%)
- Magenta (34%)
- Yellow (0%)
- Black (40%)



- Cyan (85%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.0910, -54.2400, 2.8160 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 88.0910, -54.2400, 2.8160 by changing the saturation by 10% instead.

■ 88.0910, -54.2400,
2.8160

■ 88.0910, -54.2400,
2.8160

■ 255.0000, -0.0000,
-0.0000

■ 59.6770, -61.9420,
-0.7740

■ 142.5370,
-49.5640, 6.1800

■ 43.7990, -47.5460,
2.6460

■ 169.3630,
-49.0140, 7.2260

■ 28.7360, -34.0670,
6.1650

■ 196.6360,
-45.5290, 4.6390

■ 12.0260, -20.0840,
11.5640

■ 221.4440,
-36.5410, -4.0690

■ 4.8220, -10.8220,
8.9060

■ 242.4420,
-25.0320, -8.9040

■ 0.4560, -1.2840,
1.2440

■ 251.4120, -7.1520,

■ 0.0000, 0.0000,

-2.5440

0.0000

■ 88.0910, -54.2400,
2.8160

■ 88.0910, -54.2400,
2.8160

■ 79.4970, -61.2550,
3.2970

■ 96.6850, -47.2250,
2.3350

■ 70.6040, -68.8660,
3.5660

■ 105.5780,
-39.6140, 2.0660

■ 66.7500, -72.2130,
3.6510

■ 114.1720,
-32.5990, 1.5850

■ 122.7660,
-25.5840, 1.1040

■ 131.3600,
-18.5690, 0.6230

■ 139.6660,
-10.6830, 0.8770

■ 148.2600, -3.6680,
0.3960

■ 156.8540, 3.3470,
-0.0850

■ 165.7470, 10.9580,
-0.3540

Harmonies

Analogous

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



79.8120, -75.9240, -11.7000



88.0910, -54.2400, 2.8160



98.5800, -15.5920, 18.2640

Triad

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



88.0910, -54.2400, 2.8160



97.4850, 44.4710, 14.5430



87.3540, -19.5730, -25.2450

Complementary

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



88.0910, -54.2400, 2.8160



102.9090, 54.2400, -2.8160

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.



91.9030, 9.6780, -21.2180



88.0910, -54.2400, 2.8160



96.6720, 41.9060, 0.4500

Square

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



88.0910, -54.2400, 2.8160



98.9050, 34.8410, 23.8730



95.0090, 30.1710, -12.6530



75.8730, -60.6990, -28.8190

Rectangle

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



88.0910, -54.2400, 2.8160



100.6920, 4.7640, 23.8040



95.0090, 30.1710, -12.6530



89.1550, -8.7070, -23.9310

Sweetspot

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



88.0910, -54.2400, 2.8160



172.9190, -21.6410, 1.2310



111.4330, -48.3170, -43.9730



83.8830, -12.7920, 0.5520



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



88.0910, -54.2400, 2.8160



97.9320, -84.4090, 4.4150



54.6320, -38.5650, 32.6270



72.2600, -3.6680, 0.3960



61.1590, -66.1150, 3.2690



5.5910, -6.0980, 0.3820

Inverse Universe

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



79.5670, 48.3170, 43.9730



84.6930, 75.2260, 68.4260



136.3680, 38.5650, -32.6270



71.8480, 3.4840, 2.9400



50.6380, 58.7230, 53.6270



4.6850, 5.5010, 4.9330

Previews

White Background



This preview shows how the YIQ color 88.0910, -54.2400, 2.8160 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 88.0910, -54.2400, 2.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

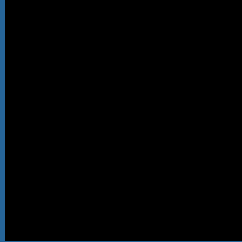
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.0910, -54.2400, 2.8160

Background



This preview shows how black text looks on a background with the YIQ color 88.0910, -54.2400, 2.8160.

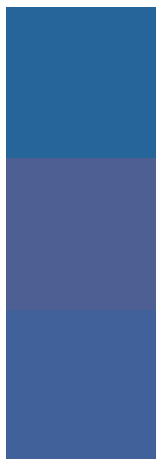


This preview shows how white text looks on a background with the YIQ color 88.0910, -54.2400,

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

88.0910, -54.2400, 2.8160

Protanopia

95.9590, -27.1450, 12.8790

Deuteranopia

93.9300, -37.3690, 10.9430



Tritanopia

76.6200, -66.9360, -20.4080

Trichromacy



Original Color

88.0910, -54.2400, 2.8160

Protanomaly

92.8760, -37.2770, 9.2750

Deuteranomaly

91.5270, -43.6040, 8.3000

Tritanomaly

80.5270, -61.9400, -11.8280

Monochromacy



Original Color

88.0910, -54.2400, 2.8160

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.2890, -19.8070, 1.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.0910, -54.2400, 2.8160 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(38, 101, 153)` looks like.

```
.text, #text, p{  
    color:rgb(38, 101, 153)  
}
```

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(38, 101, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 101, 153) }
```

Border

The CSS property to change the border of an element to YIQ 88.0910, -54.2400, 2.8160 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(38, 101, 153) }
```


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

```
.border{ border-color:rgb(38, 101, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 101, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 101, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 101, 153);  
box-shadow:4px 4px 4px 4px rgb(38, 101,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 88.0910, -54.2400, 2.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 101, 153) }
```

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

```
.background{ background-color: rgb(38, 101,  
153) }
```

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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