

Converting Colors

YIQ(79.0530, -59.1040, 24.8960)

Have a look what the booklet for
YIQ(79.0530, -59.1040, 24.8960)
contains.

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Color

**YIQ(79.0530, -59.1040,
24.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	264FBB
RGB	38, 79, 187
RGB Percent	15%, 31%, 73%
CMY	0.8510, 0.6901, 0.2670
CMYK	0.80, 0.58, 0.00, 0.27
HSL	223°, 66%, 44%
HSV	223°, 80%, 73%
XYZ	12.5572, 9.5908, 48.1575
YIQ	79.0530, -59.1040, 24.8960

Conversions

Conversions Part 2

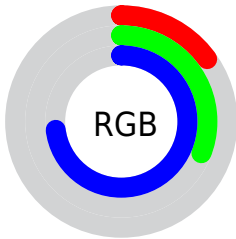
Format	Color
R_{YB}	38, 70, 187
Decimal	2510779
CIE _{Lab}	37.10, 25.79, -60.83
CIE _{LCh}	37, 66.073, 292.972
Yxy	9.5908, 0.1786, 0.1364
Android (android.graphics.Color)	4280700859 (0xFF264FBB)
YUV	79.0530, 53.2179, -36.0035
Hunter-Lab	30.9690, 18.1820, -70.5190

Details

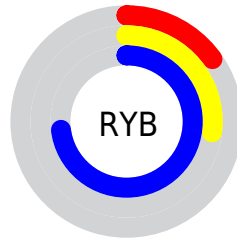
The YIQ color **79.0530, -59.1040, 24.8960** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **145.9470, 59.1040, -24.8960**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2440, -49.1560, 31.8360**, and **36.2940, -52.5930, 22.5350** is the 20% darker color. If you saturate the color by 10%, you get **65.1540, -66.5780, 28.1900**, and if you desaturate by 10%, it is **92.9520, -51.6300, 21.6020**.

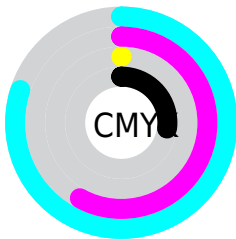
Distribution



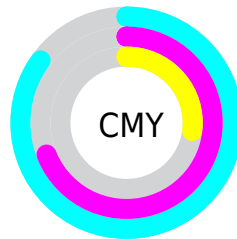
- Red (15%)
- Green (31%)
- Blue (73%)



- Red (15%)
- Yellow (27%)
- Blue (73%)



- Cyan (80%)
- Magenta (58%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (69%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.0530, -59.1040, 24.8960 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 79.0530, -59.1040, 24.8960 by changing the saturation by 10% instead.

■ 79.0530, -59.1040,
24.8960

■ 79.0530, -59.1040,
24.8960

■ 255.0000, -0.0000,
-0.0000

■ 51.5850, -66.7140,
19.6380

■ 134.9450,
-49.7520, 31.6240

■ 36.2940, -52.5930,
22.5350

■ 160.1430,
-41.6820, 28.5420

■ 22.7640, -39.2970,
23.8630

■ 184.6630,
-31.8230, 20.5690

■ 9.3480, -26.3220,
25.5020

■ 210.0690,
-21.6430, 12.2850

■ 9.5470, -19.9930,
15.4230

■ 235.4750,
-11.4630, 4.0010

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,

3.1100

■ 0.0000, 0.0000,
0.0000

■ 79.0530, -59.1040,
24.8960

■ 79.0530, -59.1040,
24.8960

■ 65.1540, -66.5780,
28.1900

■ 92.9520, -51.6300,
21.6020

■ 52.1410, -73.7310,
31.1730

■ 105.9650,
-44.4770, 18.6190

■ 51.2550, -74.0520,
31.4840

■ 119.8640,
-37.0030, 15.3250

■ 133.1760,
-29.2540, 12.5540

■ 146.7760,
-22.3760, 9.0480

■ 160.0880,
-14.6270, 6.2770

■ 173.9870, -7.1530,
2.9830

■ 187.2990, 0.5960,
0.2120

■ 200.8990, 7.4740,
-3.2940

Harmonies

Analogous

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



79.7560, -89.5450, 9.3910



79.0530, -59.1040, 24.8960



85.8800, 19.9350, 51.7350

Triad

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



79.0530, -59.1040, 24.8960



78.0430, 77.5300, 4.6180



71.7180, -53.1330, -33.7810

Complementary

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



79.0530, -59.1040, 24.8960



145.9470, 59.1040, -24.8960

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.



62.6610, -31.7640, -52.1160



79.0530, -59.1040, 24.8960



82.8290, 48.0530, -17.3470

Square

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



79.0530, -59.1040, 24.8960



63.0200, 86.6460, 48.6780



77.2710, 13.8530, -36.3150



78.5750, -71.0630, -17.1990

Rectangle

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



79.0530, -59.1040, 24.8960



70.6460, 56.2450, 65.5010



77.2710, 13.8530, -36.3150



69.5520, -47.0340, -39.6900

Sweetspot

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



79.0530, -59.1040, 24.8960



200.0040, -23.0180, 9.6700



137.6610, -75.3220, -44.6500



96.8600, -13.9850, 5.6550



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.



79.0530, -59.1040, 24.8960



74.0160, -92.0720, 38.6800



64.5540, -28.7570, 53.1230



87.7870, -3.7140, 1.2300



43.8400, -62.8180, 26.1260



8.2300, -12.1510, 5.4570

Inverse Universe

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



87.2250, 75.6430, 44.3390



86.6640, 117.7280, 69.0880



160.4460, 28.7570, -53.1230



88.0330, 4.4010, 2.8410



52.2580, 80.0440, 47.1800



10.1810, 15.9080, 9.0600

Previews

White Background



This preview shows how the YIQ color 79.0530, -59.1040, 24.8960 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 79.0530, -59.1040, 24.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

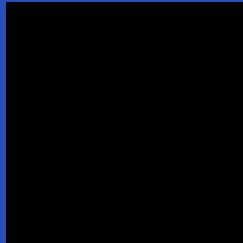
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.0530, -59.1040, 24.8960

Background



This preview shows how black text looks on a background with the YIQ color 79.0530, -59.1040, 24.8960.



This preview shows how white text looks on a background with the YIQ color 79.0530, -59.1040,

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

79.0530, -59.1040, 24.8960

Protanopia

69.6000, -80.2380, 11.4260

Deuteranopia

69.6850, -73.5880, 1.0360



Tritanopia

68.6810, -59.7380, -18.6980

Trichromacy



Original Color

79.0530, -59.1040, 24.8960

Protanomaly

72.9540, -72.3070, 16.3730

Deuteranomaly

72.8910, -67.9960, 9.8280

Tritanomaly

72.2920, -59.4200, -2.4280

Monochromacy



Original Color

79.0530, -59.1040, 24.8960

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9610, -21.4590, 8.9490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.0530, -59.1040, 24.8960 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, 79, 187)` looks like.

```
.text, #text, p{  
    color:rgb(38, 79, 187)  
}
```

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, 79, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 79, 187) }
```

Border

The CSS property to change the border of an element to YIQ 79.0530, -59.1040, 24.8960 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, 79, 187) }
```


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

```
.border{ border-color:rgb(38, 79, 187) }
```

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

Here you see how a box with a 4 pixel rgb(38, 79, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 79, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 79, 187);  
box-shadow:4px 4px 4px 4px rgb(38, 79,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 79.0530, -59.1040, 24.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 79, 187) }
```

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

```
.background{ background-color: rgb(38, 79,  
187) }
```

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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