

Converting Colors

YIQ(104.0590, -24.8510, 4.3410)

Have a look what the booklet for
YIQ(104.0590, -24.8510, 4.3410)
contains.

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Color

**YIQ(104.0590, -24.8510,
4.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	536C8B
RGB	83, 108, 139
RGB Percent	33%, 42%, 55%
CMY	0.6745, 0.5764, 0.4550
CMYK	0.40, 0.22, 0.00, 0.46
HSL	213°, 25%, 44%
HSV	213°, 40%, 54%
XYZ	13.5880, 14.4291, 26.4830
YIQ	104.0590, -24.8510, 4.3410

Conversions

Conversions Part 2

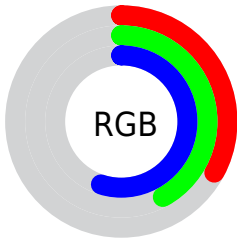
Format	Color
R _Y B	83, 100, 139
Decimal	5467275
CIE Lab	44.84, -0.81, -19.94
CIE LCh	45, 19.960, 267.679
Yxy	14.4291, 0.2493, 0.2648
Android (android.graphics.Color)	4283657355 (0xFF536C8B)
YUV	104.0590, 17.2259, -18.4687
Hunter-Lab	37.9856, -2.6229, -14.7463

Details

The YIQ color **104.0590, -24.8510, 4.3410** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **117.9410, 24.8510, -4.3410**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.7000, -25.2180, 5.4860**, and **55.8200, -25.6760, 2.7720** is the 20% darker color. If you saturate the color by 10%, you get **95.1770, -30.9950, 5.5570**, and if you desaturate by 10%, it is **112.9410, -18.7070, 3.1250**.

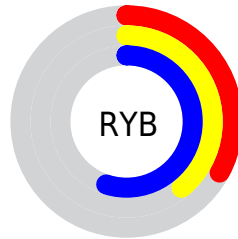
Distribution



Red (33%)

Green (42%)

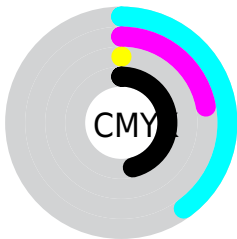
Blue (55%)



Red (33%)

Yellow (39%)

Blue (55%)

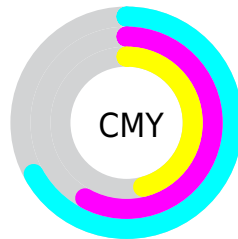


Cyan (40%)

Magenta (22%)

Yellow (0%)

Black (46%)



Cyan (67%)

Magenta (58%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.0590, -24.8510, 4.3410 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 104.0590, -24.8510, 4.3410 by changing the saturation by 10% instead.

■ 104.0590,
-24.8510, 4.3410

■ 104.0590,
-24.8510, 4.3410

■ 255.0000, -0.0000,
-0.0000

■ 79.5320, -24.8050,
3.5070

■ 155.7000,
-25.2180, 5.4860

■ 55.8200, -25.6760,
2.7720

■ 182.4010,
-25.8140, 5.2740

■ 31.7980, -28.6100,
0.8780

■ 210.5150,
-26.1350, 5.5850

■ 16.0550, -19.0280,
3.4360

■ 236.0070,
-19.0730, -1.2570

■ 3.0950, -7.3370,
6.3190

■ 252.3090, -5.3640,
-1.9080

■ 0.0000, 0.0000,
0.0000

■ 104.0590,
-24.8510, 4.3410

■ 104.0590,
-24.8510, 4.3410

■ 95.1770, -30.9950,
5.5570

■ 112.9410,
-18.7070, 3.1250

■ 86.8820, -37.4140,
6.2500

■ 121.2360,
-12.2880, 2.4320

■ 78.0000, -43.5580,
7.4660

■ 130.1180, -6.1440,
1.2160

■ 69.1180, -49.7020,
8.6820

■ 139.0000, -0.0000,
0.0000

■ 61.1220, -55.5250,
9.5870

■ 146.9960, 5.8230,
-0.9050

■ 52.2400, -61.6690,
10.8030

■ 155.8780, 11.9670,
-2.1210

■ 164.7600, 18.1110,
-3.3370

■ 173.0550, 24.5300,

-4.0300

■ 181.9370, 30.6740,
-5.2460

Harmonies

Analogous

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



99.5580, -36.8620, -3.7580



104.0590, -24.8510, 4.3410



107.2570, -7.6130, 11.3230

Triad

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



104.0590, -24.8510, 4.3410



107.7000, 27.5080, 8.0840



101.1800, -9.8550, -14.1350

Complementary

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



104.0590, -24.8510, 4.3410



117.9410, 24.8510, -4.3410

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.



103.7320, 6.1460, -12.2700



104.0590, -24.8510, 4.3410



106.8860, 26.6840, 0.9880

Square

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



104.0590, -24.8510, 4.3410



108.4530, 21.1340, 13.4700



105.5380, 18.6160, -6.9840



98.7960, -26.2690, -14.0210

Rectangle

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



104.0590, -24.8510, 4.3410



108.1120, 3.1610, 14.3050



105.5380, 18.6160, -6.9840



101.8170, -4.3990, -13.8950

Sweetspot

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



104.0590, -24.8510, 4.3410



167.3780, -9.8120, 1.6120



119.4060, -25.3510, -19.6470



84.0040, -5.8230, 0.9050



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



104.0590, -24.8510, 4.3410



126.8110, -38.6520, 6.6600



90.2810, -16.1880, 18.0520



64.5590, -3.0720, 0.6080



49.7950, -58.9180, 10.5060



1.7440, -2.1550, 0.5090

Inverse Universe

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



102.5940, 25.3510, 19.6470



124.4590, 39.3330, 30.5730



131.7190, 16.1880, -18.0520



64.4350, 3.2090, 2.4170



46.4930, 60.3290, 46.5450



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 104.0590, -24.8510, 4.3410 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 104.0590, -24.8510, 4.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

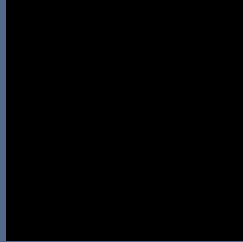
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

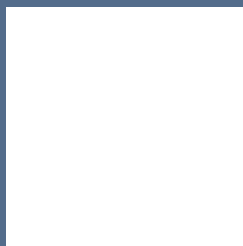
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 104.0590, -24.8510, 4.3410

Background



This preview shows how black text looks on a background with the YIQ color 104.0590, -24.8510, 4.3410.

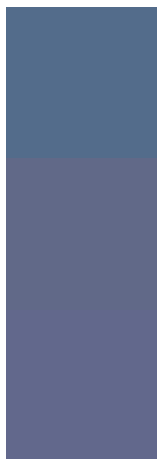


This preview shows how white text looks on a background with the YIQ color 104.0590, -24.8510,

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

104.0590, -24.8510, 4.3410

Protanopia

106.1420, -14.7190, 7.9450

Deuteranopia

106.3100, -15.1320, 9.9240



Tritanopia

102.1590, -22.5570, -4.1970

Trichromacy



Original Color

104.0590, -24.8510, 4.3410

Protanomaly

105.3480, -18.2950, 6.6730

Deuteranomaly

105.4020, -18.3870, 8.3410

Tritanomaly

102.9680, -23.3370, -1.0730

Monochromacy



Original Color

104.0590, -24.8510, 4.3410

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.6770, -9.2160, 1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.0590, -24.8510, 4.3410 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(83, 108, 139)` looks like.

```
.text, #text, p{  
    color:rgb(83, 108, 139)  
}
```

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(83, 108, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 108, 139) }
```

Border

The CSS property to change the border of an element to YIQ 104.0590, -24.8510, 4.3410 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(83, 108, 139) }
```


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

```
.border{ border-color:rgb(83, 108, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 108, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 108, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 108, 139);  
box-shadow:4px 4px 4px 4px rgb(83, 108,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 104.0590, -24.8510, 4.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 108, 139) }
```

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

```
.background{ background-color: rgb(83, 108,  
139) }
```

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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