

Converting Colors

YUV(98.2810, 24.0185, -3.7544)

Have a look what the booklet for
YUV(98.2810, 24.0185, -3.7544)
contains.

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Color

**YUV(98.2810, 24.0185,
-3.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5B93
RGB	94, 91, 147
RGB Percent	37%, 36%, 58%
CMY	0.6314, 0.6431, 0.4235
CMYK	0.36, 0.38, 0.00, 0.42
HSL	243°, 24%, 47%
HSV	243°, 38%, 58%
XYZ	13.6236, 11.9684, 29.1959
YIQ	98.2810, -16.1880, 18.0520

Conversions

Conversions Part 2

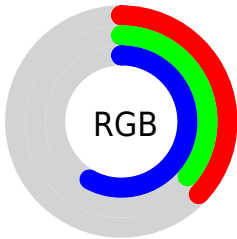
Format	Color
R_{YB}	94, 91, 147
Decimal	6183827
CIE _{Lab}	41.17, 15.27, -30.41
CIE _{LCh}	41, 34.024, 296.659
Yxy	11.9684, 0.2487, 0.2185
Android (android.graphics.Color)	4284373907 (0xFF5E5B93)
YUV	98.2810, 24.0185, -3.7544
Hunter-Lab	34.5954, 9.7511, -25.8194

Details

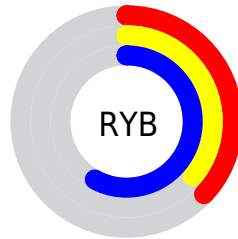
The YUV color **98.2810, 24.0185, -3.7544** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.7190, -24.0185, 3.7544**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3350, 25.4708, -2.9248**, and **50.5150, 22.4241, -5.7137** is the 20% darker color. If you saturate the color by 10%, you get **85.2900, 30.4230, -4.6393**, and if you desaturate by 10%, it is **111.2720, 17.6139, -2.8695**.

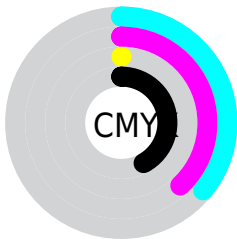
Distribution



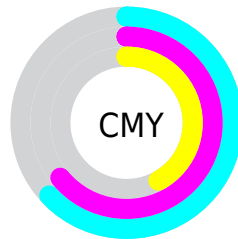
- Red (37%)
- Green (36%)
- Blue (58%)



- Red (37%)
- Yellow (36%)
- Blue (58%)



- Cyan (36%)
- Magenta (38%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.2810, 24.0185, -3.7544 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 YUV color 98.2810, 24.0185, -3.7544 by changing the saturation by 10% instead.

■ 98.2810, 24.0185,
-3.7544

■ 98.2810, 24.0185,
-3.7544

■ 255.0000, 0.0000,
0.0000

■ 74.3410, 23.0029,
-4.6841

■ 149.3350, 25.4708,
-2.9248

■ 50.5150, 22.4241,
-5.7137

■ 175.9760, 26.6338,
-2.6100

■ 28.2650, 21.5614,
-9.0024

■ 203.6340, 25.3234,
-2.3100

■ 5.5860, 21.4031,
-4.8989

■ 228.7410, 12.9457,
1.1041

■ 3.6650, 11.5042,
-3.2142

■ 252.6520, 1.1576,
2.0592

■ 0.0000, 0.0000,
0.0000

■ 98.2810, 24.0185,
-3.7544

■ 98.2810, 24.0185,
-3.7544

■ 85.2900, 30.4230,
-4.6393

■ 111.2720, 17.6139,
-2.8695

■ 72.8860, 36.5382,
-6.0390

■ 123.6760, 11.4987,
-1.4699

■ 59.8950, 42.9428,
-6.9239

■ 136.6670, 5.0942,
-0.5850

■ 46.9040, 49.3473,
-7.8088

■ 149.6580, -1.3104,
0.2999

■ 34.5000, 55.4625,
-9.2085

■ 162.0620, -7.4256,
1.6996

■ 21.8080, 61.7197,
-9.4786


■ 174.7540,
-13.6827, 1.9697

■ 19.1500, 63.0300,
-9.7785

■ 187.7450,
-20.0873, 2.8546

■ 200.7360,

-26.4918, 3.7395

 213.1400,
-32.6070, 5.1392

Harmonies

Analogous

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



87.4930, 32.2950, -45.1594



98.2810, 24.0185, -3.7544



100.1230, 13.7434, 25.3251

Triad

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



98.2810, 24.0185, -3.7544



96.0850, -22.2269, 35.8825



75.7590, 8.4998, -66.4406

Complementary

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



98.2810, 24.0185, -3.7544



139.7190, -24.0185, 3.7544

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.



86.9520, -10.8223, -28.8989



98.2810, 24.0185, -3.7544



94.4220, -26.8300, 18.9239

Square

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



98.2810, 24.0185, -3.7544



97.5990, -11.6343, 45.0787



92.2020, -23.2706, -2.8082



78.9510, 20.7302, -69.2400

Rectangle

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



98.2810, 24.0185, -3.7544



99.1370, 5.8485, 37.5909



92.2020, -23.2706, -2.8082



78.2180, 2.3575, -56.3192

Sweetspot

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



98.2810, 24.0185, -3.7544



172.6930, 9.0254, -1.4848



128.4950, 9.1230, -32.8831



85.7810, 5.5310, -0.6849



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



98.2810, 24.0185, -3.7544



114.5270, 37.7012, -5.7242



106.6530, 19.8911, 13.4593



67.7980, 3.0576, -0.6998



17.8250, 59.2463, -9.4935



1.4390, 4.2206, -0.3850

Inverse Universe

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



113.7860, 14.8955, 29.1287



138.8880, 23.7192, 45.7022



131.3470, -19.8911, -13.4593



69.8910, 2.0257, 3.6036



56.0820, 36.4416, 71.8421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 98.2810, 24.0185, -3.7544 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 YUV color 98.2810, 24.0185, -3.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

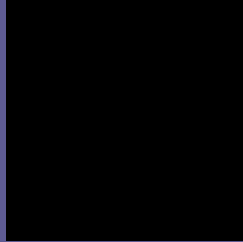
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.2810, 24.0185, -3.7544

Background



This preview shows how black text looks on a background with the YUV color 98.2810, 24.0185, -3.7544.



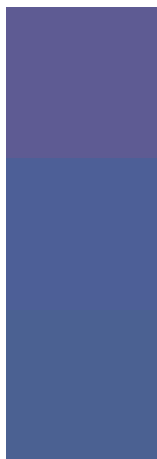
This preview shows how white text looks on a background with the YUV color 98.2810, 24.0185,

-3.7544.

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

98.2810, 24.0185, -3.7544

Protanopia

96.0020, 27.1140, -16.6648

Deuteranopia

96.0080, 24.6461, -18.4240



Tritanopia

95.7260, 5.5581, -9.4067

Trichromacy



Original Color

98.2810, 24.0185, -3.7544

Protanomaly

97.0950, 26.0822, -12.3613

Deuteranomaly

96.9270, 24.1930, -13.0910

Tritanomaly

96.5720, 12.5360, -7.5176

Monochromacy



Original Color

98.2810, 24.0185, -3.7544

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9920, 8.8779, -0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.2810, 24.0185, -3.7544 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(94, 91, 147)` looks like.

```
.text, #text, p{  
    color:rgb(94, 91, 147)  
}
```

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(94, 91, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 91, 147) }
```

Border

The CSS property to change the border of an element to YUV 98.2810, 24.0185, -3.7544 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(94, 91, 147) }
```


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

```
.border{ border-color:rgb(94, 91, 147) }
```

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

Here you see how a box with a 4 pixel rgb(94, 91, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 91, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 91, 147);  
box-shadow:4px 4px 4px 4px rgb(94, 91,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 98.2810, 24.0185, -3.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 91, 147) }
```

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

```
.background{ background-color: rgb(94, 91,  
147) }
```

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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