

Converting Colors

YUV(96.1810, -24.7392, 1.5953)

Have a look what the booklet for
YUV(96.1810, -24.7392, 1.5953)
contains.

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Color

**YUV(96.1810, -24.7392,
1.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	62692E
RGB	98, 105, 46
RGB Percent	38%, 41%, 18%
CMY	0.6157, 0.5882, 0.8196
CMYK	0.07, 0.00, 0.56, 0.59
HSL	67°, 39%, 30%
HSV	67°, 56%, 41%
XYZ	10.5817, 12.8971, 4.5164
YIQ	96.1810, 14.7670, -19.8330

Conversions

Conversions Part 2

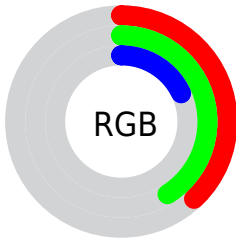
Format	Color
R _Y B	46, 105, 53
Decimal	6449454
CIE Lab	42.61, -12.09, 31.82
CIE LCh	43, 34.034, 110.801
Yxy	12.8971, 0.3780, 0.4607
Android (android.graphics.Color)	4284639534 (0xFF62692E)
YUV	96.1810, -24.7392, 1.5953
Hunter-Lab	35.9125, -10.2513, 17.6823

Details

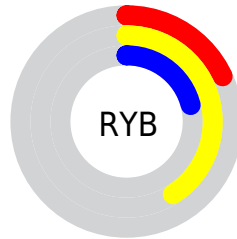
The YUV color **96.1810, -24.7392, 1.5953** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54.8190, 24.7392, -1.5953**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1380, -26.1970, 2.5100**, and **48.9960, -24.1550, 0.8805** is the 20% darker color. If you saturate the color by 10%, you get **94.7420, -28.9598, 1.9803**, and if you desaturate by 10%, it is **97.7340, -20.0819, 1.1103**.

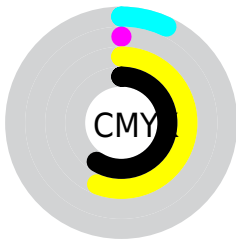
Distribution



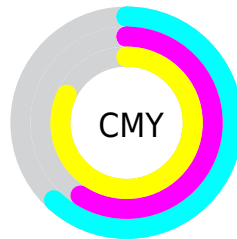
- Red (38%)
- Green (41%)
- Blue (18%)



- Red (18%)
- Yellow (41%)
- Blue (21%)



- Cyan (7%)
- Magenta (0%)
- Yellow (56%)
- Black (59%)



- Cyan (62%)
- Magenta (59%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1810, -24.7392, 1.5953 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 96.1810, -24.7392, 1.5953 by changing the saturation by 10% instead.

96.1810, -24.7392,
1.5953

96.1810, -24.7392,
1.5953

255.0000, 0.0000,
0.0000

71.9960, -24.1550,
0.8805

147.1380,
-26.1970, 2.5100

48.9960, -24.1550,
0.8805

173.9100,
-27.0706, 2.7099

29.2050, -14.3981,
-1.9338

201.6820,
-27.9442, 2.9099

9.9790, -4.9196,
-8.7516

229.8670,
-28.5284, 3.6246

0.0000, 0.0000,
0.0000

248.7300,
-24.0239, 5.4988

251.9220,

-11.7935, 2.6994

■ 96.1810, -24.7392,
1.5953

■ 96.1810, -24.7392,
1.5953

■ 94.7420, -28.9598,
1.9803

■ 97.7340, -20.0819,
1.1103

■ 93.1890, -33.6172,
2.4652

■ 99.1730, -15.8613,
0.7253

■ 91.3370, -38.1271,
2.3355

■ 101.0250,
-11.3513, 0.8551

■ 89.8980, -42.3477,
2.7205

■ 102.4640, -7.1308,
0.4701

■ 89.4420, -44.0949,
3.1204

■ 103.9030, -2.9102,
0.0851

■ 105.4560, 1.7472,
-0.3999

■ 107.1940, 5.8204,
-0.1701

■ 108.7470, 10.4777,
-0.6551

■ 110.3000, 15.1351,
-1.1401

Harmonies

Analogous

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



98.7430, -26.9883, 23.0274



96.1810, -24.7392, 1.5953



91.8880, -13.7488, -23.5808

Triad

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



96.1810, -24.7392, 1.5953



82.0460, 30.0503, -71.9543



102.5780, 3.6590, 39.8351

Complementary

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



96.1810, -24.7392, 1.5953



54.8190, 24.7392, -1.5953

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.



103.9590, 15.7962, 20.2070



96.1810, -24.7392, 1.5953



86.5840, 34.2221, -56.6402

Square

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



96.1810, -24.7392, 1.5953



81.1850, 19.1358, -71.1992



100.9920, 25.6399, -10.5170



101.1800, -9.4557, 46.3231

Rectangle

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



96.1810, -24.7392, 1.5953



86.6170, -2.7692, -45.2681



100.9920, 25.6399, -10.5170



103.3970, 8.1853, 34.7318

Sweetspot

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



96.1810, -24.7392, 1.5953



134.3670, -10.0409, 0.5551



67.7500, -10.7227, 32.6683



66.8060, -5.8204, 0.1701



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



96.1810, -24.7392, 1.5953



124.1090, -39.0007, 2.5354



87.5100, -20.4644, -16.2333



53.0170, -2.4734, -0.0149



99.4760, -49.0417, 3.0905



208.3990, -102.7407, 6.6661

Inverse Universe

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



54.8190, 24.7392, -1.5953



58.8910, 39.0007, -2.5354



63.4900, 20.4644, 16.2333



48.9830, 2.4734, 0.0149



17.5240, 49.0417, -3.0905



36.6010, 102.7407, -6.6661

Previews

White Background



This preview shows how the YUV color 96.1810, -24.7392, 1.5953 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 96.1810, -24.7392, 1.5953 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 96.1810, -24.7392, 1.5953

Background



This preview shows how black text looks on a background with the YUV color 96.1810, -24.7392, 1.5953.



This preview shows how white text looks on a background with the YUV color 96.1810, -24.7392,

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

96.1810, -24.7392, 1.5953

Protanopia

97.9050, -26.0822, 12.3613

Deuteranopia

99.0140, -24.6569, 21.9127



Tritanopia

101.2930, 2.3206, 2.3740

Trichromacy



Original Color

96.1810, -24.7392, 1.5953

Protanomaly

96.9970, -25.6345, 8.7726

Deuteranomaly

97.9700, -24.6352, 14.9353

Tritanomaly

99.3610, -7.5730, 2.3144

Monochromacy



Original Color

96.1810, -24.7392, 1.5953

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0080, -8.8779, 0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1810, -24.7392, 1.5953 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(98, 105, 46)` looks like.

```
.text, #text, p{  
    color:rgb(98, 105, 46)  
}
```

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(98, 105, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 105, 46) }
```

Border

The CSS property to change the border of an element to YUV 96.1810, -24.7392, 1.5953 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(98, 105, 46) }
```


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

```
.border{ border-color:rgb(98, 105, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 105, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 105, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 105, 46);  
box-shadow:4px 4px 4px 4px rgb(98, 105,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 96.1810, -24.7392, 1.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 105, 46) }
```

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

```
.background{ background-color: rgb(98, 105,  
46) }
```

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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