

Converting Colors

YUV(25.7980, 9.9596, 25.6102)

Have a look what the booklet for
YUV(25.7980, 9.9596, 25.6102)
contains.

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Color

**YUV(25.7980, 9.9596,
25.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	37072E
RGB	55, 7, 46
RGB Percent	22%, 3%, 18%
CMY	0.7843, 0.9725, 0.8196
CMYK	0.00, 0.87, 0.16, 0.78
HSL	311°, 77%, 12%
HSV	311°, 87%, 22%
XYZ	2.1447, 1.1614, 2.6959
YIQ	25.7980, 16.0890, 22.3050

Conversions

Conversions Part 2

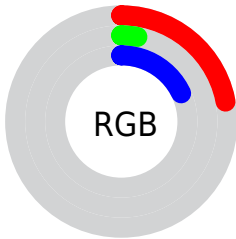
Format	Color
R_{YB}	55, 7, 46
Decimal	3606318
CIE Lab	10.27, 28.06, -13.00
CIE LCh	10, 30.923, 335.141
Yxy	1.1614, 0.3573, 0.1935
Android (android.graphics.Color)	4281796398 (0xFF37072E)
YUV	25.7980, 9.9596, 25.6102
Hunter-Lab	10.7770, 16.6625, -7.2877

Details

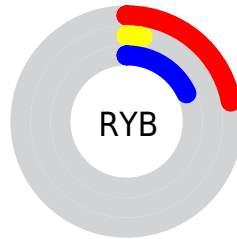
The YUV color **25.7980, 9.9596, 25.6102** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **36.2020, -9.9596, -25.6102**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.2820, 9.2280, 26.9397**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.7490, 10.9697, 28.2841**, and if you desaturate by 10%, it is **29.4340, 8.6600, 22.4214**.

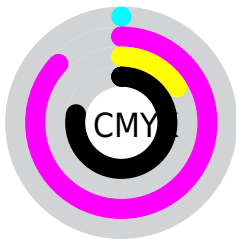
Distribution



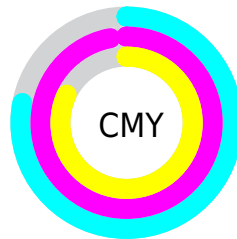
- Red (22%)
- Green (3%)
- Blue (18%)



- Red (22%)
- Yellow (3%)
- Blue (18%)



- Cyan (0%)
- Magenta (87%)
- Yellow (16%)
- Black (78%)





- Cyan (78%)
- Magenta (97%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the YUV color 25.7980, 9.9596, 25.6102 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 25.7980, 9.9596, 25.6102 by changing the saturation by 10% instead.

 25.7980, 9.9596,
25.6102


 25.7980, 9.9596,
25.6102


 245.0210, 4.9196,
8.7516


 13.7280, 6.0501,
19.5325


 73.2820, 9.2280,
26.9397

 0.0000, 0.0000,
0.0000

 97.9940, 9.3700,
28.0693


 122.7060, 9.5119,
29.1988

 149.4180, 9.6539,
30.3284


 176.1300, 9.7959,
31.4580


 203.5430, 10.0853,

31.9728


 227.7700, 12.4384,
23.8807

 25.7980, 9.9596,
25.6102


 25.7980, 9.9596,
25.6102


 22.7490, 10.9697,
28.2841


 29.4340, 8.6600,
22.4214

 21.5750, 11.5485,
29.3137

 32.4830, 7.6499,
19.7474

 36.1190, 6.3503,
16.5586

 39.1680, 5.3402,
13.8847

 42.8040, 4.0406,
10.6959

■ 45.8530, 3.0305,
8.0219

■ 49.4890, 1.7309,
4.8331

■ 52.5380, 0.7208,
2.1592

■ 56.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



28.1910, 17.1608, 2.4635



25.7980, 9.9596, 25.6102



22.5730, 1.1965, 36.3315

Triad

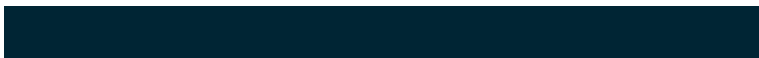
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.7980, 9.9596, 25.6102



26.3030, -12.9674, 5.8733



27.6470, 12.0060, -24.2464

Complementary

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



25.7980, 9.9596, 25.6102



36.2020, -9.9596, -25.6102

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.



25.8400, 2.5439, -22.6617



25.7980, 9.9596, 25.6102



22.3610, -11.0240, -10.8406

Square

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



25.7980, 9.9596, 25.6102



26.6900, -13.1582, 20.4429



22.1750, -8.9603, -19.4475



28.0690, 18.7000, -24.6165

Rectangle

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



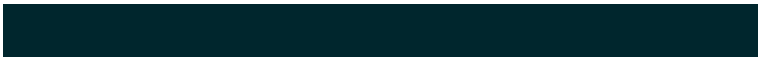
25.7980, 9.9596, 25.6102



21.9830, -7.3866, 35.9719



22.1750, -8.9603, -19.4475



27.4360, 8.6591, -24.0614

Sweetspot

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



25.7980, 9.9596, 25.6102



60.0920, 3.8986, 9.5663



15.1630, 19.6396, 0.7340



29.3150, 2.3097, 5.8627



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



25.7980, 9.9596, 25.6102



27.8410, 14.8684, 37.8504



23.0620, -0.5236, 28.0096



26.2390, 0.8682, 1.5444



36.0580, 19.1984, 49.0611



85.7730, 45.4679, 116.8401

Inverse Universe

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



25.7980, 9.9596, 25.6102



27.8410, 14.8684, 37.8504



38.9380, 0.5236, -28.0096



26.2390, 0.8682, 1.5444



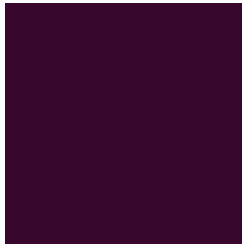
36.0580, 19.1984, 49.0611



85.7730, 45.4679, 116.8401

Previews

White Background



This preview shows how the YUV color 25.7980, 9.9596, 25.6102 looks on a white background.

Color Contrast Check

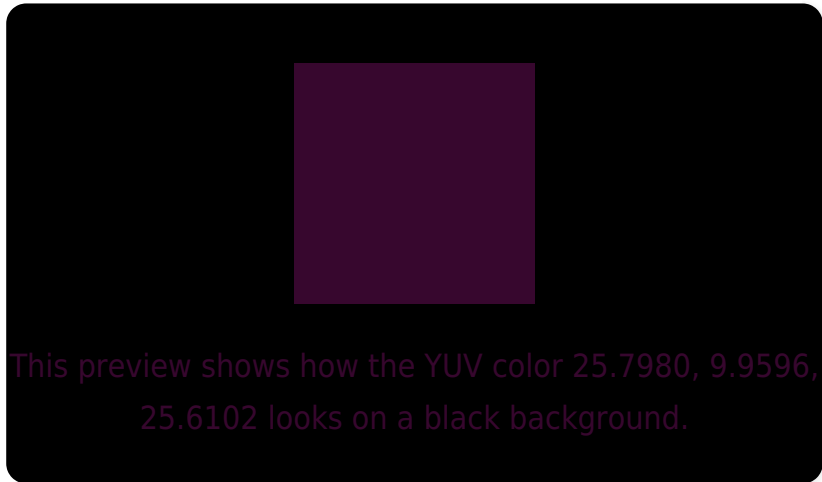
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

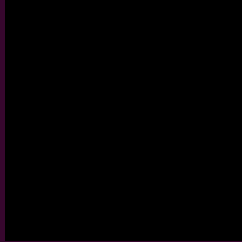
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.7980, 9.9596, 25.6102

Background



This preview shows how black text looks on a background with the YUV color 25.7980, 9.9596, 25.6102.



This preview shows how white text looks on a background with the YUV color 25.7980, 9.9596, 25.6102.

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

25.7980, 9.9596, 25.6102

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

30.2860, 6.2680, -3.7588



Tritanopia

29.2800, -4.5750, 20.8024

Trichromacy



Original Color

25.7980, 9.9596, 25.6102

Protanomaly

25.3920, 15.5827, -4.7288

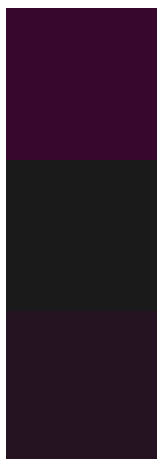
Deuteranomaly

28.9930, 7.3985, 7.0221

Tritanomaly

28.2570, 0.3663, 22.5766

Monochromacy



Original Color

25.7980, 9.9596, 25.6102

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.9780, 3.4618, 9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.7980, 9.9596, 25.6102 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(55, 7, 46)` looks like.

```
.text, #text, p{  
    color:rgb(55, 7, 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(55, 7, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 7, 46) }
```

Border

The CSS property to change the border of an element to YUV 25.7980, 9.9596, 25.6102 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(55, 7, 46) }
```


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

```
.border{ border-color:rgb(55, 7, 46) }
```

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

Here you see how a box with a 4 pixel rgb(55, 7, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 7, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 7, 46); box-shadow:4px  
4px 4px 4px rgb(55, 7, 46) }
```

Background

The CSS property to change the background color of an element to YUV 25.7980, 9.9596, 25.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 7, 46) }
```

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

```
.background{ background-color: rgb(55, 7,  
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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