

Converting Colors

YUV(12.7390, 2.5937, 8.1219)

Have a look what the booklet for
YUV(12.7390, 2.5937, 8.1219)
contains.

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Color

**YUV(12.7390, 2.5937,
8.1219)**

Conversions

Conversions Part 1

Format	Color
Hex	160712
RGB	22, 7, 18
RGB Percent	9%, 3%, 7%
CMY	0.9137, 0.9725, 0.9294
CMYK	0.00, 0.68, 0.18, 0.91
HSL	316°, 52%, 6%
HSV	316°, 68%, 9%
XYZ	0.5160, 0.3662, 0.6158
YIQ	12.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

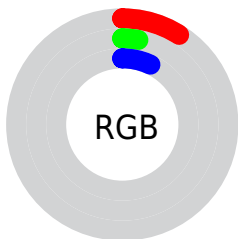
Format	Color
R_{YB}	22, 7, 18
Decimal	1443602
CIE Lab	3.31, 6.88, -3.10
CIE LCh	3, 7.549, 335.718
Yxy	0.3662, 0.3445, 0.2445
Android (android.graphics.Color)	4279633682 (0xFF160712)
YUV	12.7390, 2.5937, 8.1219
Hunter-Lab	6.0515, 4.6314, -1.7969

Details

The YUV color **12.7390, 2.5937, 8.1219** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16.2610, -2.5937, -8.1219**, and the grayscale version is **13.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.5000, 1.7255, 6.5775**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.4510, 2.7357, 9.2515**, and if you desaturate by 10%, it is **14.0270, 2.4517, 6.9923**.

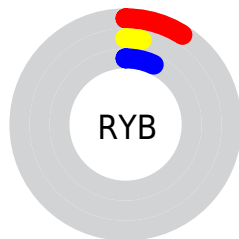
Distribution



Red (9%)

Green (3%)

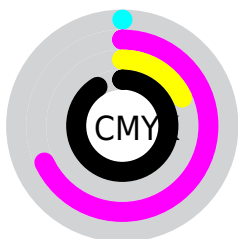
Blue (7%)



Red (9%)

Yellow (3%)

Blue (7%)

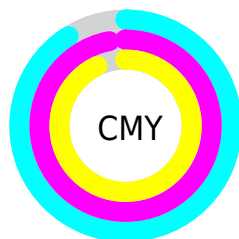


Cyan (0%)

Magenta (68%)

Yellow (18%)

Black (91%)



Cyan (91%)

Magenta (97%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.7390, 2.5937, 8.1219 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 12.7390, 2.5937, 8.1219 by changing the saturation by 10% instead.

■ 12.7390, 2.5937,
8.1219

■ 12.7390, 2.5937,
8.1219

■ 237.6250, 2.1569,
8.2219

■ 0.0000, 0.0000,
0.0000

■ 56.5000, 1.7255,
6.5775

■ 79.5000, 1.7255,
6.5775

■ 103.9130, 2.0149,
7.0923


■ 128.9130, 2.0149,
7.0923

■ 154.3260, 2.3043,
7.6071


■ 181.3260, 2.3043,


7.6071


 209.3260, 2.3043,
7.6071


 12.7390, 2.5937,
8.1219


 12.7390, 2.5937,
8.1219


 11.4510, 2.7357,
9.2515

 14.0270, 2.4517,
6.9923


 10.2770, 3.3144,
10.2811

 15.2010, 1.8729,
5.9627

 8.4020, 3.7458,
11.9254

 17.0760, 1.4415,
4.3183

 18.2500, 0.8628,
3.2887

 19.5380, 0.7208,
2.1592

■ 20.8260, 0.5788,
1.0296

■ 22.0000, 0.0000,
0.0000

■ 23.8750, -0.4314,
-1.6444

■ 25.0490, -1.0102,
-2.6740

Harmonies

Analogous

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



12.5750, 4.6465, 3.0037



12.7390, 2.5937, 8.1219



12.2510, -0.6167, 11.1809

Triad

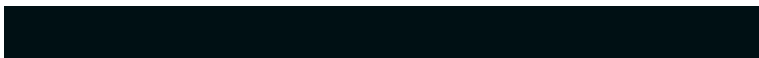
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.7390, 2.5937, 8.1219



11.8280, -5.8312, 3.6588



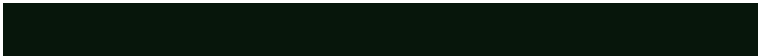
11.6720, 4.1057, -10.2363

Complementary

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



12.7390, 2.5937, 8.1219



16.2610, -2.5937, -8.1219

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.



11.4610, 0.7587, -10.0513



12.7390, 2.5937, 8.1219



10.3110, -5.0833, -2.9037

Square

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



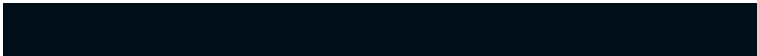
12.7390, 2.5937, 8.1219



11.8610, -5.8475, 8.8919



9.8480, -2.8831, -8.6367



11.4270, 5.7055, -10.0215

Rectangle

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



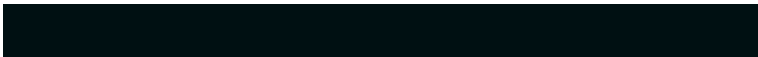
12.7390, 2.5937, 8.1219



11.7520, -3.8217, 12.4955



9.8480, -2.8831, -8.6367



11.4440, 3.2321, -10.0364

Sweetspot

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



12.7390, 2.5937, 8.1219



24.3640, 1.2995, 3.1888



9.9060, 5.9623, 0.9594



13.1250, 0.4314, 1.6444



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000

Same Dimension

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



12.7390, 2.5937, 8.1219



13.8150, 4.0352, 12.4402



11.9410, -0.4639, 8.8217



9.4130, 0.2894, 0.5148



28.2820, 12.6790, 40.0947



76.9710, 35.0173, 108.7734

Inverse Universe

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



12.7390, 2.5937, 8.1219



13.8150, 4.0352, 12.4402



17.0590, 0.4639, -8.8217



9.4130, 0.2894, 0.5148



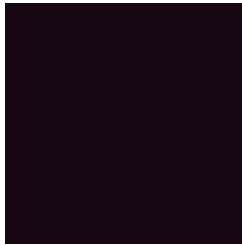
28.2820, 12.6790, 40.0947



76.9710, 35.0173, 108.7734

Previews

White Background



This preview shows how the YUV color 12.7390, 2.5937, 8.1219 looks on a white background.

Color Contrast Check

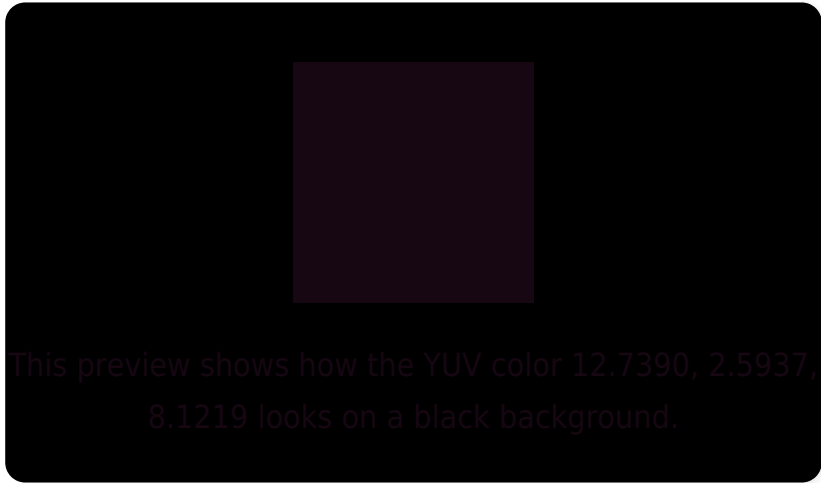
Large Text (above 18pt) WCAG AA ✓ Pass

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

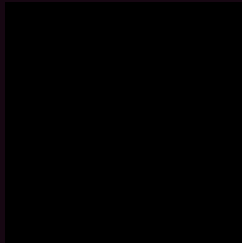
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.7390, 2.5937, 8.1219

Background



This preview shows how black text looks on a background with the YUV color 12.7390, 2.5937, 8.1219.



This preview shows how white text looks on a background with the YUV color 12.7390, 2.5937,

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

12.7390, 2.5937, 8.1219

Protanopia

12.9440, 4.9576, -3.4589

Deuteranopia

13.1570, 1.8946, -1.0147



Tritanopia

12.7020, -1.3321, 7.2773

Trichromacy



Original Color

12.7390, 2.5937, 8.1219

Protanomaly

13.0370, 3.9258, 0.8446

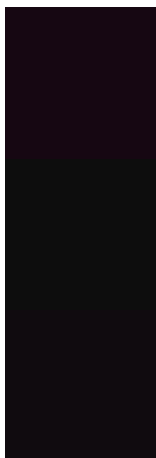
Deuteranomaly

13.1790, 1.8838, 2.4740

Tritanomaly

12.4570, 0.2677, 7.4922

Monochromacy



Original Color

12.7390, 2.5937, 8.1219

Achromatopsia

13.0000, 0.0000, 0.0000

Achromatomaly

12.9510, 1.0102, 2.6740

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.7390, 2.5937, 8.1219 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(22, 7, 18)` looks like.

```
.text, #text, p{  
    color:rgb(22, 7, 18)  
}
```

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(22, 7, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 7, 18) }
```

Border

The CSS property to change the border of an element to YUV 12.7390, 2.5937, 8.1219 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(22, 7, 18) }
```


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

```
.border{ border-color:rgb(22, 7, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 7, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 7, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 7, 18); box-shadow:4px  
4px 4px 4px rgb(22, 7, 18) }
```

Background

The CSS property to change the background color of an element to YUV 12.7390, 2.5937, 8.1219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 7, 18) }
```

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

```
.background{ background-color: rgb(22, 7,  
18) }
```

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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