

Converting Colors

YUV(38.2720, -18.8681,
78.6915)

Have a look what the booklet for
YUV(38.2720, -18.8681, 78.6915)
contains.

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Color

**YUV(38.2720, -18.8681,
78.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	800000
RGB	128, 0, 0
RGB Percent	50%, 0%, 0%
CMY	0.4980, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.50
HSL	0°, 100%, 25%
HSV	0°, 100%, 50%
XYZ	8.9021, 4.5892, 0.4166
YIQ	38.2720, 76.2880, 27.1360

Conversions

Conversions Part 2

Format	Color
R_{YB}	128, 0, 0
Decimal	8388608
CIE Lab	25.53, 48.06, 38.06
CIE LCh	26, 61.301, 38.379
Yxy	4.5892, 0.6401, 0.3300
Android (android.graphics.Color)	4286578688 (0xFF800000)
YUV	38.2720, -18.8681, 78.6915
Hunter-Lab	21.4224, 36.6865, 13.8426

Details

The YUV color **38.2720, -18.8681, 78.6915** is a dark color, and the websafe version is hex **990000**, and the color name is **maroon**. A complement of this color would be **89.7280, 18.8681, -78.6915**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4970, -26.8670, 77.6171**, and **20.6310, -10.1711, 42.4196** is the 20% darker color. If you saturate the color by 10%, you get **38.2720, -18.8681, 78.6915**, and if you desaturate by 10%, it is **47.3850, -16.9518, 70.6994**.

Distribution



Red (50%)

Green (0%)

Blue (0%)



Red (50%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (50%)



Cyan (50%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 38.2720, -18.8681, 78.6915 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 38.2720, -18.8681, 78.6915 by changing the saturation by 10% instead.


 38.2720, -18.8681,
78.6915


 38.2720, -18.8681,
78.6915


 251.8080,
-12.2303, 2.7994


 29.3020, -14.4459,
60.2481


 100.4970,
-26.8670, 77.6171


 20.6310, -10.1711,
42.4196


 128.3510,
-28.7670, 80.3762

 12.6720, -5.7543,
25.7207

 156.2050,
-30.6671, 83.1352


 0.0000, 0.0000,
0.0000


 176.1000,
-28.1503, 69.1953


 195.5000,
-24.8965, 52.1815


 214.9000,


-21.6427, 35.1677


 235.1150,
-17.8047, 17.4391


 38.2720, -18.8681,
78.6915

 47.3850, -16.9518,
70.6994

 56.4980, -15.0355,
62.7073

 64.9100, -13.2666,
55.3299

 74.0230, -11.3503,
47.3378

 83.1360, -9.4340,
39.3457

■ 92.2490, -7.5178,
31.3536

■ 101.3620, -5.6015,
23.3615

■ 109.7740, -3.8326,
15.9842

■ 118.8870, -1.9163,
7.9921

Harmonies

Analogous

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



46.6630, 1.6451, 79.2255



38.2720, -18.8681, 78.6915



56.6140, -27.9107, 38.9265

Triad

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



38.2720, -18.8681, 78.6915



47.8210, -12.2368, -41.9390



54.6510, 49.4721, -47.9289

Complementary

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



38.2720, -18.8681, 78.6915



89.7280, 18.8681, -78.6915

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.



60.8970, 42.9418, -53.4067



38.2720, -18.8681, 78.6915



54.1080, 9.3138, -47.4527

Square

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



38.2720, -18.8681, 78.6915



42.2640, -20.8362, -37.0655



59.2380, 28.9697, -51.9517



59.8110, 37.0682, 10.6898

Rectangle

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



38.2720, -18.8681, 78.6915



57.0690, -28.1350, 17.4795



59.2380, 28.9697, -51.9517



57.7000, 48.4619, -50.6029

Sweetspot

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



38.2720, -18.8681, 78.6915



130.9500, -7.3703, 30.7389



52.8640, 37.0420, 65.8943



62.9700, -4.4222, 18.4433



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



38.2720, -18.8681, 78.6915



49.6340, -24.4696, 102.0530



75.8400, -37.3891, 45.7443



59.0930, -1.0318, 4.3034



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.7280, 18.8681, -78.6915



116.3660, 24.4696, -102.0530



52.1600, 37.3891, -45.7443



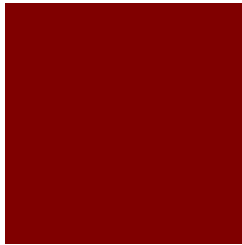
61.9070, 1.0318, -4.3034



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 38.2720, -18.8681, 78.6915 looks on a white background.

Color Contrast Check

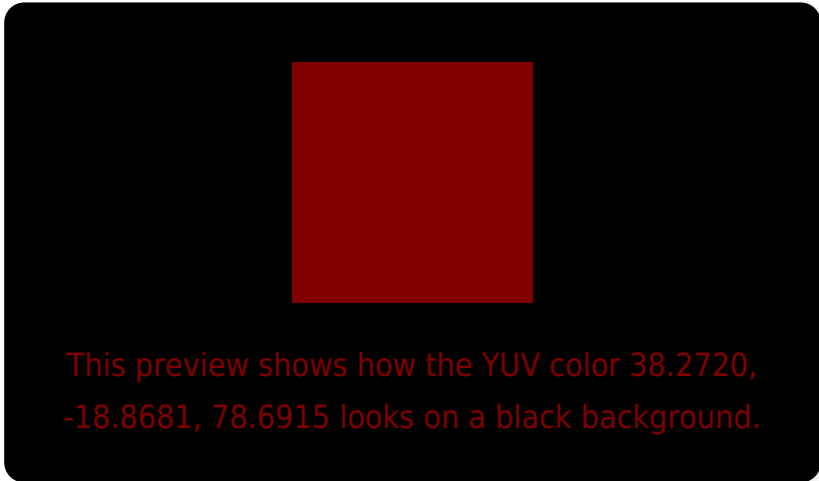
Large Text (above 18pt) WCAG AA ✓ Pass

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

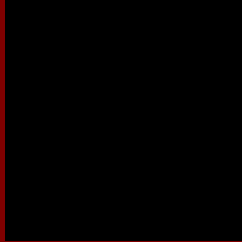
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2720, -18.8681, 78.6915

Background



This preview shows how black text looks on a background with the YUV color 38.2720, -18.8681, 78.6915.

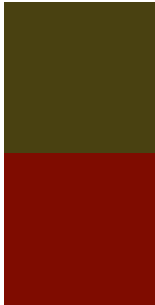


This preview shows how white text looks on a background with the YUV color 38.2720, -18.8681,

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



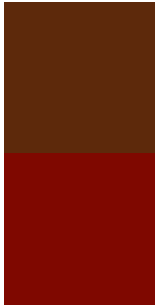
Protanopia

61.9200, -22.1456, 9.7172

Tritanopia

45.0170, -22.1934, 71.8991

Trichromacy



Protanomaly

53.1280, -20.7691, 34.9677

Tritanomaly

42.6690, -21.0358, 73.9583

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0530, -6.9281, 28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2720, -18.8681, 78.6915 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(128, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(128, 0, 0)  
}
```

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(128, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 38.2720, -18.8681, 78.6915 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(128, 0, 0) }
```

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

```
.border{ border-color:rgb(128, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(128, 0, 0); box-shadow:4px  
4px 4px 4px rgb(128, 0, 0) }
```

Background

The CSS property to change the background color of an element to YUV 38.2720, -18.8681, 78.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 0, 0) }
```

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

```
.background{ background-color: rgb(128, 0,  
0) }
```

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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