

Converting Colors

YUV(53.3980, -23.3672,
75.0730)

Have a look what the booklet for
YUV(53.3980, -23.3672, 75.0730)
contains.

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Color

**YUV(53.3980, -23.3672,
75.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	8B1306
RGB	139, 19, 6
RGB Percent	55%, 7%, 2%
CMY	0.4549, 0.9255, 0.9765
CMYK	0.00, 0.86, 0.96, 0.45
HSL	6°, 92%, 28%
HSV	6°, 96%, 55%
XYZ	10.9132, 5.9679, 0.7490
YIQ	53.3980, 75.6930, 21.3970

Conversions

Conversions Part 2

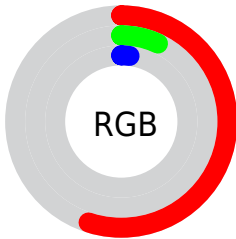
Format	Color
R_{YB}	139, 20, 6
Decimal	9114374
CIE _{Lab}	29.33, 47.63, 39.86
CIE _{LCh}	29, 62.104, 39.925
Yxy	5.9679, 0.6190, 0.3385
Android (android.graphics.Color)	4287304454 (0xFF8B1306)
YUV	53.3980, -23.3672, 75.0730
Hunter-Lab	24.4292, 36.9898, 15.2826

Details

The YUV color **53.3980, -23.3672, 75.0730** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **91.6020, 23.3672, -75.0730**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9270, -29.0510, 78.1170**, and **23.6210, -11.6452, 48.5674** is the 20% darker color. If you saturate the color by 10%, you get **49.7790, -24.5410, 78.2468**, and if you desaturate by 10%, it is **62.6250, -21.0141, 66.9809**.

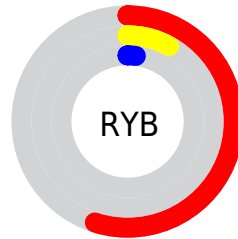
Distribution



Red (55%)

Green (7%)

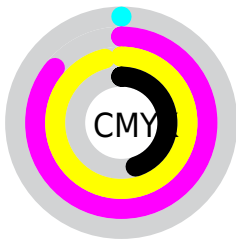
Blue (2%)



Red (55%)

Yellow (8%)

Blue (2%)

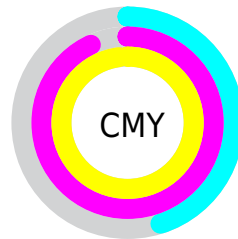


Cyan (0%)

Magenta (86%)

Yellow (96%)

Black (45%)



Cyan (45%)


Magenta (93%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 53.3980, -23.3672, 75.0730 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 53.3980, -23.3672, 75.0730 by changing the saturation by 10% instead.


 53.3980, -23.3672,
75.0730

 53.3980, -23.3672,
75.0730


 252.6060, -9.1728,
2.0995

 32.5910, -16.0674,
67.0107


 110.9270,
-29.0510, 78.1170


 23.6210, -11.6452,
48.5674


 138.6670,
-31.3878, 80.9760


 16.0750, -6.9390,
32.3832

 164.5420,
-31.8192, 79.3317

 1.1960, -0.5896,
2.4591


 183.2410,
-28.7128, 62.9326


 0.0000, 0.0000,
0.0000


 202.6410,
-25.4590, 45.9188


 222.1550,


-21.7684, 28.8051


 242.3700,
-17.9304, 11.0765


 53.3980, -23.3672,
75.0730


 53.3980, -23.3672,
75.0730


 49.7790, -24.5410,
78.2468

 62.6250, -21.0141,
66.9809

 71.2650, -18.3716,
59.4036

 80.4920, -16.0186,
51.3115

 89.1320, -13.3761,
43.7342

 98.3590, -11.0230,
35.6422

■ 106.8850, -8.8173,
28.1649

■ 116.1120, -6.4642,
20.0728

■ 124.7520, -3.8217,
12.4955

■ 133.9790, -1.4686,
4.4034

Harmonies

Analogous

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



51.2340, 2.3496, 86.6178



53.3980, -23.3672, 75.0730



64.8870, -31.9893, 40.4411

Triad

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



53.3980, -23.3672, 75.0730



54.2440, -10.4733, -47.5720



60.6010, 51.9617, -53.1471

Complementary

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



53.3980, -23.3672, 75.0730



91.6020, 23.3672, -75.0730

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.



67.0750, 46.3050, -58.8248



53.3980, -23.3672, 75.0730



61.3460, 11.6614, -53.8004

Square

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



53.3980, -23.3672, 75.0730



48.1340, -23.7301, -42.2135



66.5900, 31.7541, -58.3994



69.1320, 36.9099, 14.7932

Rectangle

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



53.3980, -23.3672, 75.0730



65.0430, -32.0662, 18.3793



66.5900, 31.7541, -58.3994



63.6500, 50.9516, -55.8210

Sweetspot

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



53.3980, -23.3672, 75.0730



147.4830, -9.1121, 29.3944



59.6750, 33.6842, 69.5680



71.3290, -5.5852, 18.1285



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



53.3980, -23.3672, 75.0730



64.6850, -31.8897, 102.0083



91.5530, -42.1776, 41.6110



64.6800, -1.3212, 3.7886



47.3980, -23.3672, 75.0730



1.4950, -0.7370, 3.0739

Inverse Universe

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



91.6020, 23.3672, -75.0730



116.3150, 31.8897, -102.0083



53.4470, 42.1776, -41.6110



66.3200, 1.3212, -3.7886



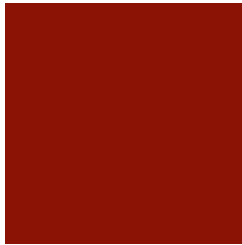
85.6020, 23.3672, -75.0730



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 53.3980, -23.3672, 75.0730 looks on a white background.

Color Contrast Check

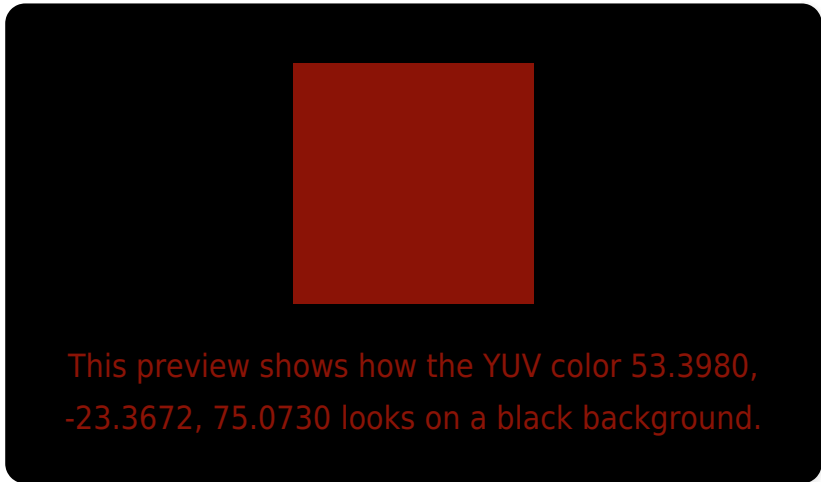
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.3980, -23.3672, 75.0730

Background



This preview shows how black text looks on a background with the YUV color 53.3980, -23.3672, 75.0730.



This preview shows how white text looks on a background with the YUV color 53.3980, -23.3672,

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

53.3980, -23.3672, 75.0730

Protanopia

68.3500, -24.3295, 10.2171

Deuteranopia

66.8260, -32.9452, 20.3236



Tritanopia

53.9510, -18.7098, 74.5880

Trichromacy



Original Color

53.3980, -23.3672, 75.0730

Protanomaly

62.9060, -24.1107, 33.4084

Deuteranomaly

61.8700, -29.5159, 40.4560

Tritanomaly

53.4950, -20.4570, 74.9879

Monochromacy



Original Color

53.3980, -23.3672, 75.0730

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2870, -8.5225, 26.9353

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3980, -23.3672, 75.0730 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(139, 19, 6)` looks like.

```
.text, #text, p{  
    color:rgb(139, 19, 6)  
}
```

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(139, 19, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 19, 6) }
```

Border

The CSS property to change the border of an element to YUV 53.3980, -23.3672, 75.0730 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(139, 19, 6) }
```


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

```
.border{ border-color:rgb(139, 19, 6) }
```

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

Here you see how a box with a 4 pixel rgb(139, 19, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 19, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 19, 6);  
box-shadow:4px 4px 4px 4px rgb(139, 19, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.3980, -23.3672, 75.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 19, 6) }
```

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

```
.background{ background-color: rgb(139, 19,  
6) }
```

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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