

Converting Colors

YUV(53.9020, 48.8553,
-36.7481)

Have a look what the booklet for
YUV(53.9020, 48.8553, -36.7481)
contains.

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Color

**YUV(53.9020, 48.8553,
-36.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3899
RGB	12, 56, 153
RGB Percent	5%, 22%, 60%
CMY	0.9529, 0.7804, 0.4000
CMYK	0.92, 0.63, 0.00, 0.40
HSL	221°, 85%, 32%
HSV	221°, 92%, 60%
XYZ	7.3156, 5.2064, 30.7564
YIQ	53.9020, -57.3610, 20.8390

Conversions

Conversions Part 2

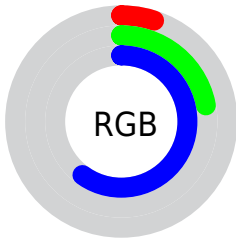
Format	Color
R_{YB}	12, 46, 153
Decimal	800921
CIE Lab	27.31, 25.98, -56.55
CIE LCh	27, 62.230, 294.680
Yxy	5.2064, 0.1690, 0.1203
Android (android.graphics.Color)	4278991001 (0xFF0C3899)
YUV	53.9020, 48.8553, -36.7481
Hunter-Lab	22.8176, 17.2983, -63.9461

Details

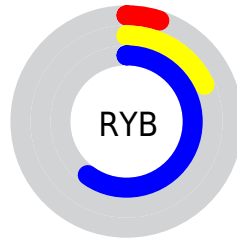
The YUV color **53.9020, 48.8553, -36.7481** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **111.0980, -48.8553, 36.7481**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1970, 48.2169, -18.5898**, and **21.4930, 39.1970, -18.8494** is the 20% darker color. If you saturate the color by 10%, you get **45.6180, 52.9393, -40.0070**, and if you desaturate by 10%, it is **64.8440, 43.4609, -33.1892**.

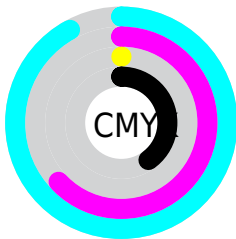
Distribution



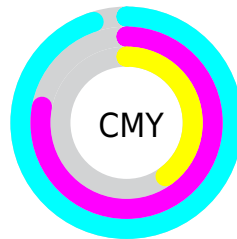
- Red (5%)
- Green (22%)
- Blue (60%)



- Red (5%)
- Yellow (18%)
- Blue (60%)



- Cyan (92%)
- Magenta (63%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (78%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9020, 48.8553, -36.7481 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 53.9020, 48.8553, -36.7481 by changing the saturation by 10% instead.

■ 53.9020, 48.8553,
-36.7481

■ 53.9020, 48.8553,
-36.7481

■ 255.0000, 0.0000,
0.0000

■ 34.9090, 44.9079,
-30.6152

■ 110.1970, 48.2169,
-18.5898

■ 21.4930, 39.1970,
-18.8494

■ 136.8490, 49.3744,
-16.5306

■ 8.6640, 33.1966,
-7.5983

■ 162.8340, 45.4378,
-13.8864

■ 8.2760, 21.5559,
-7.2581

■ 187.3540, 33.3495,
-9.9575

■ 4.5940, 12.5252,
-4.0289

■ 212.1730, 21.1137,
-5.4137

■ 0.0000, 0.0000,
0.0000

■ 238.1660, 8.2992,

-1.8996

■ 53.9020, 48.8553,
-36.7481

■ 53.9020, 48.8553,
-36.7481

■ 45.6180, 52.9393,
-40.0070

■ 64.8440, 43.4609,
-33.1892

■ 75.4980, 38.2085,
-28.5007

■ 86.4400, 32.8141,
-24.9419

■ 96.7950, 27.7091,
-20.8682

■ 107.7370, 22.3147,
-17.3093

■ 118.3910, 17.0622,
-12.6209

■ 129.3330, 11.6678,
-9.0620

■ 139.6880, 6.5628,
-4.9884

■ 150.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



61.9060, 49.3463, -54.2916



53.9020, 48.8553, -36.7481



58.1360, 30.9920, 46.3617

Triad

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



53.9020, 48.8553, -36.7481



56.1370, -27.6755, 56.8849



54.2900, -0.1430, -47.6123

Complementary

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



53.9020, 48.8553, -36.7481



111.0980, -48.8553, 36.7481

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.



46.9600, -23.1513, -41.1839



53.9020, 48.8553, -36.7481



61.2330, -30.1879, 22.5977

Square

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



53.9020, 48.8553, -36.7481



45.4650, -8.1172, 83.7842



55.1100, -27.1692, -12.3745



60.5770, 21.4075, -53.1260

Rectangle

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



53.9020, 48.8553, -36.7481



50.4400, 19.9961, 73.2821



55.1100, -27.1692, -12.3745



52.3520, -7.5685, -45.9127

Sweetspot

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



53.9020, 48.8553, -36.7481



159.9500, 19.2517, -14.8651



105.7110, 1.1285, -82.1845



75.6320, 11.5204, -8.4473



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



53.9020, 48.8553, -36.7481



59.0800, 68.9806, -51.8132



35.8480, 57.7559, 1.8873



71.0860, 2.9156, -1.8294



41.7880, 48.4185, -36.6481



3.8300, 4.5208, -3.3589

Inverse Universe

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



59.1750, -1.5653, 82.2845



66.5690, -2.2525, 116.1420



129.1520, -57.7559, -1.8873



71.6200, -0.3057, 4.7183



46.8760, -1.4179, 81.6697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 53.9020, 48.8553, -36.7481 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



This preview shows how the YUV color 53.9020, 48.8553, -36.7481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

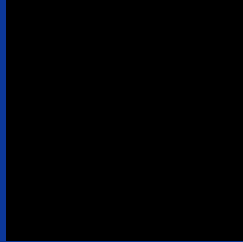
Any Text WCAG AA × Fail

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 53.9020, 48.8553, -36.7481 Background



This preview shows how black text looks on a background with the YUV color 53.9020, 48.8553, -36.7481.



This preview shows how white text looks on a background with the YUV color 53.9020, 48.8553,

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

53.9020, 48.8553, -36.7481

Protanopia

51.4420, 39.7151, -45.1146

Deuteranopia

52.2110, 29.9690, -45.7890



Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Original Color

53.9020, 48.8553, -36.7481

Protanomaly

52.3760, 43.1986, -42.4258

Deuteranomaly

52.7690, 37.0889, -42.7704

Tritanomaly

51.7940, 25.7376, -41.9153

Monochromacy



Original Color

53.9020, 48.8553, -36.7481

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2060, 17.6464, -13.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9020, 48.8553, -36.7481 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(12, 56, 153)` looks like.

```
.text, #text, p{  
    color:rgb(12, 56, 153)  
}
```

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(12, 56, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 56, 153) }
```

Border

The CSS property to change the border of an element to YUV 53.9020, 48.8553, -36.7481 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(12, 56, 153) }
```


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

```
.border{ border-color:rgb(12, 56, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 56, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 56, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 56, 153);  
box-shadow:4px 4px 4px 4px rgb(12, 56,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 53.9020, 48.8553, -36.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 56, 153) }
```

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

```
.background{ background-color: rgb(12, 56,  
153) }
```

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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