

Converting Colors

YUV(53.0970, 63.5492, 10.4389)

Have a look what the booklet for
YUV(53.0970, 63.5492, 10.4389)
contains.

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Color

**YUV(53.0970, 63.5492,
10.4389)**

Conversions

Conversions Part 1

Format	Color
Hex	4116B6
RGB	65, 22, 182
RGB Percent	25%, 9%, 71%
CMY	0.7451, 0.9137, 0.2863
CMYK	0.64, 0.88, 0.00, 0.29
HSL	256°, 78%, 40%
HSV	256°, 88%, 71%
XYZ	10.9104, 5.0750, 44.6605
YIQ	53.0970, -25.7320, 58.8760

Conversions

Conversions Part 2

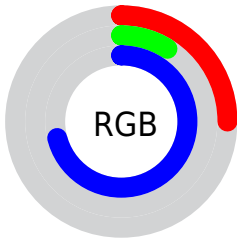
Format	Color
R _Y B	65, 22, 182
Decimal	4265654
CIE Lab	26.95, 57.88, -74.55
CIE LCh	27, 94.383, 307.825
Yxy	5.0750, 0.1799, 0.0837
Android (android.graphics.Color)	4282455734 (0xFF4116B6)
YUV	53.0970, 63.5492, 10.4389
Hunter-Lab	22.5278, 47.0250, -101.7705

Details

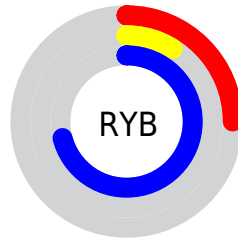
The YUV color **53.0970, 63.5492, 10.4389** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **150.9030, -63.5492, -10.4389**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1300, 63.5329, 15.6720**, and **14.4780, 55.4733, -12.6972** is the 20% darker color. If you saturate the color by 10%, you get **38.6440, 70.6745, 11.7132**, and if you desaturate by 10%, it is **67.5500, 56.4239, 9.1647**.

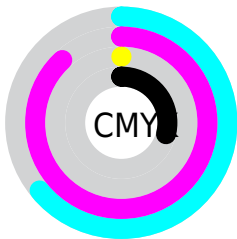
Distribution



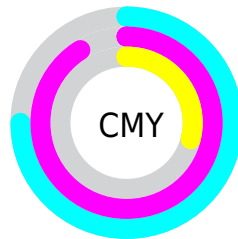
- Red (25%)
- Green (9%)
- Blue (71%)



- Red (25%)
- Yellow (9%)
- Blue (71%)



- Cyan (64%)
- Magenta (88%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0970, 63.5492, 10.4389 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 53.0970, 63.5492, 10.4389 by changing the saturation by 10% instead.

■ 53.0970, 63.5492,
10.4389

■ 53.0970, 63.5492,
10.4389

■ 255.0000, 0.0000,
0.0000

■ 24.1340, 64.0239,
-1.8715

■ 110.1300, 63.5329,
15.6720

■ 14.4780, 55.4733,
-12.6972

■ 136.1860, 58.5753,
19.1309

■ 11.5140, 44.1166,
-10.0978

■ 160.4180, 46.6289,
24.1894

■ 13.3600, 30.8815,
-11.7167

■ 185.5360, 34.2458,
29.3479

■ 8.8630, 21.2665,
-7.7729

■ 210.9420, 21.7206,
33.3769


■ 4.5940, 12.5252,
-4.0289

■ 229.1720, 12.7332,


■ 0.1140, 0.4368,


22.6512


-0.1000


 246.1950, 4.3409,
7.7220


 0.0000, 0.0000,
0.0000


 53.0970, 63.5492,
10.4389


 53.0970, 63.5492,
10.4389

 38.6440, 70.6745,
11.7132

 67.5500, 56.4239,
9.1647

 35.3990, 72.2743,
11.9281

 82.3020, 49.1511,
8.5051

 97.3420, 41.7364,
6.7161

 111.7950, 34.6111,
5.4418

 126.5470, 27.3383,
4.7823

■ 141.0000, 20.2130,
3.5080

■ 155.4530, 13.0877,
2.2337

■ 170.4930, 5.6730,
0.4446

■ 185.2450, -1.5998,
-0.2149

Harmonies

Analogous

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



66.6600, 72.6386, -58.4608



53.0970, 63.5492, 10.4389



60.3240, 29.4203, 83.9079

Triad

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



53.0970, 63.5492, 10.4389



55.8380, -27.5281, 56.2701



59.8300, 10.9298, -52.4709

Complementary

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



53.0970, 63.5492, 10.4389



150.9030, -63.5492, -10.4389

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.



49.3080, -24.3088, -43.2431



53.0970, 63.5492, 10.4389



58.4540, -28.8178, 3.1098

Square

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



53.0970, 63.5492, 10.4389



47.8400, -23.5851, 98.3643



46.9600, -23.1513, -41.1839



69.0980, 41.3637, -60.5989

Rectangle

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



53.0970, 63.5492, 10.4389



60.6470, 6.0900, 100.2876



46.9600, -23.1513, -41.1839



56.9800, 0.0099, -49.9715

Sweetspot

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



53.0970, 63.5492, 10.4389



187.1510, 24.5756, 4.2526



108.9190, 36.0289, -76.2280



90.2080, 14.6875, 2.4486



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



53.0970, 63.5492, 10.4389



46.1540, 94.0871, 15.6509



77.0170, 51.7566, 59.6211



84.6240, 3.6364, 0.3298



30.3420, 61.9494, 10.2241



5.5840, 11.0511, 2.1188

Inverse Universe

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



83.1780, 27.5202, 86.6669



90.5850, 40.6306, 128.4060



126.9830, -51.7566, -59.6211



86.3750, 1.2941, 4.9331



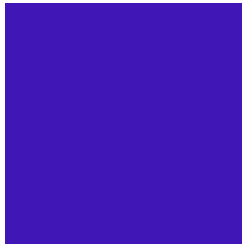
59.6400, 26.7995, 84.5077



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 53.0970, 63.5492, 10.4389 looks on a white background.

Color Contrast Check

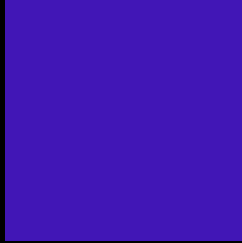
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0970, 63.5492, 10.4389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

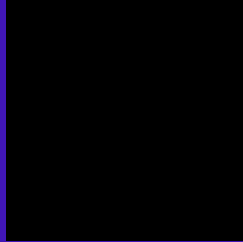
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0970, 63.5492, 10.4389

Background



This preview shows how black text looks on a background with the YUV color 53.0970, 63.5492, 10.4389.



This preview shows how white text looks on a background with the YUV color 53.0970, 63.5492,

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

53.0970, 63.5492, 10.4389

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.3960, 29.3848, -45.0743



Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Original Color

53.0970, 63.5492, 10.4389

Protanomaly

51.8650, 48.3806, -24.4376

Deuteranomaly

52.1440, 41.8340, -24.6823

Tritanomaly

51.9840, 31.0669, -24.5420

Monochromacy



Original Color

53.0970, 63.5492, 10.4389

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0970, 23.1232, 3.4229

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0970, 63.5492, 10.4389 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(65, 22, 182)` looks like.

```
.text, #text, p{  
    color:rgb(65, 22, 182)  
}
```

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(65, 22, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 22, 182) }
```

Border

The CSS property to change the border of an element to YUV 53.0970, 63.5492, 10.4389 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(65, 22, 182) }
```


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

```
.border{ border-color:rgb(65, 22, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 22, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 22, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 22, 182);  
box-shadow:4px 4px 4px 4px rgb(65, 22,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 53.0970, 63.5492, 10.4389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 22, 182) }
```

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

```
.background{ background-color: rgb(65, 22,  
182) }
```

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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