

Converting Colors

YUV(55.8970, 29.6308,
-30.6047)

Have a look what the booklet for
YUV(55.8970, 29.6308, -30.6047)
contains.

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Color

**YUV(55.8970, 29.6308,
-30.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	153E74
RGB	21, 62, 116
RGB Percent	8%, 24%, 45%
CMY	0.9176, 0.7569, 0.5451
CMYK	0.82, 0.47, 0.00, 0.55
HSL	214°, 69%, 27%
HSV	214°, 82%, 45%
XYZ	5.1843, 4.8656, 17.1889
YIQ	55.8970, -41.7700, 8.1020

Conversions

Conversions Part 2

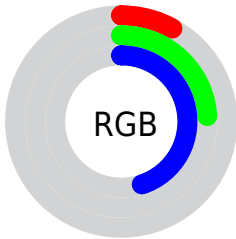
Format	Color
R_{YB}	21, 50, 116
Decimal	1392244
CIE _{Lab}	26.35, 7.08, -35.08
CIE _{LCh}	26, 35.785, 281.418
Yxy	4.8656, 0.1903, 0.1786
Android (android.graphics.Color)	4279582324 (0xFF153E74)
YUV	55.8970, 29.6308, -30.6047
Hunter-Lab	22.0582, 3.3505, -30.7612

Details

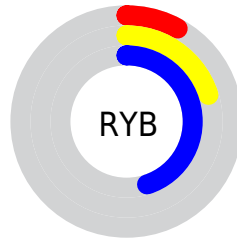
The YUV color **55.8970, 29.6308, -30.6047** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **81.1030, -29.6308, 30.6047**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3540, 29.8985, -23.1125**, and **19.9650, 23.1883, -17.5093** is the 20% darker color. If you saturate the color by 10%, you get **48.2000, 33.4254, -34.3784**, and if you desaturate by 10%, it is **63.5940, 25.8362, -26.8309**.

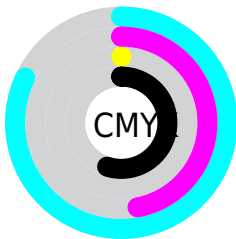
Distribution



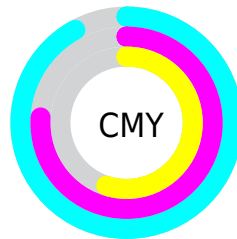
- Red (8%)
- Green (24%)
- Blue (45%)



- Red (8%)
- Yellow (20%)
- Blue (45%)



- Cyan (82%)
- Magenta (47%)
- Yellow (0%)
- Black (55%)



- Cyan (92%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.8970, 29.6308, -30.6047 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 55.8970, 29.6308, -30.6047 by changing the saturation by 10% instead.

■ 55.8970, 29.6308,
-30.6047

■ 55.8970, 29.6308,
-30.6047

■ 255.0000, 0.0000,
0.0000

■ 34.4410, 27.8836,
-30.2048

■ 107.3540, 29.8985,
-23.1125

■ 19.9650, 23.1883,
-17.5093

■ 133.2940, 30.9141,
-22.1828

■ 6.8910, 18.7877,
-6.0434

■ 159.8210, 31.6402,
-21.7680

■ 3.2090, 9.7570,
-2.8143

■ 187.3480, 32.3664,
-21.3532

■ 0.0000, 0.0000,
0.0000

■ 212.3840, 21.0097,
-18.7538

■ 237.4910, 8.6319,

-15.3396

253.2060, 0.8844,
-3.6887

55.8970, 29.6308,
-30.6047

55.8970, 29.6308,
-30.6047

48.2000, 33.4254,
-34.3784

63.5940, 25.8362,
-26.8309

42.5740, 36.1990,
-37.3374

70.4050, 22.4783,
-23.1572

78.1020, 18.6837,
-19.3835

84.9130, 15.3259,
-15.7097

92.6100, 11.5313,
-11.9360

■ 100.3070, 7.7366,
-8.1622

■ 107.1180, 4.3788,
-4.4885

■ 114.8150, 0.5842,
-0.7148

■ 121.6260, -2.7736,
2.9590

Harmonies

Analogous

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



54.0860, 29.5376, -47.4334



55.8970, 29.6308, -30.6047



64.1150, 19.1703, 11.3001

Triad

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



55.8970, 29.6308, -30.6047



60.0130, -16.2754, 40.3306



48.4540, -2.1958, -42.4942

Complementary

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



55.8970, 29.6308, -30.6047



81.1030, -29.6308, 30.6047

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.



54.4930, -17.9910, -16.2184



55.8970, 29.6308, -30.6047



59.4660, -26.8517, 25.9013

Square

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



55.8970, 29.6308, -30.6047



59.7760, -3.3406, 44.9234



57.3020, -28.2499, 7.6281



52.2330, 9.7451, -45.8083

Rectangle

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



55.8970, 29.6308, -30.6047



63.5040, 12.5695, 28.4990



57.3020, -28.2499, 7.6281



46.8410, -5.8376, -41.0796

Sweetspot

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



55.8970, 29.6308, -30.6047



126.6100, 11.5313, -11.9360



82.9210, -3.9051, -54.3047



61.9050, 7.4418, -6.9327



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



55.8970, 29.6308, -30.6047



57.3260, 45.6883, -47.6439



33.6240, 40.6114, -5.8092



54.8580, 2.0420, -1.6295



45.0190, 37.9516, -39.4817



91.8960, 77.9453, -80.5928

Inverse Universe

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



54.0790, 3.9051, 54.3047



54.2490, 6.2862, 83.9736



103.3760, -40.6114, 5.8092



55.0220, -0.0108, 3.4887



42.5200, 5.1666, 69.7040



87.0620, 10.3224, 142.8966

Previews

White Background



This preview shows how the YUV color 55.8970, 29.6308, -30.6047 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 55.8970, 29.6308, -30.6047 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 55.8970, 29.6308, -30.6047

Background



This preview shows how black text looks on a background with the YUV color 55.8970, 29.6308, -30.6047.



This preview shows how white text looks on a background with the YUV color 55.8970, 29.6308,

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

55.8970, 29.6308, -30.6047

Protanopia

59.3820, 27.4197, -21.3830

Deuteranopia

50.3360, 30.4004, -44.1447



Tritanopia

48.9390, 12.3551, -42.9195

Trichromacy



Original Color

55.8970, 29.6308, -30.6047

Protanomaly

57.8870, 28.1567, -24.4569

Deuteranomaly

52.2550, 29.9473, -38.8116

Tritanomaly

51.2800, 18.5960, -37.9566

Monochromacy



Original Color

55.8970, 29.6308, -30.6047

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7950, 10.9471, -11.2212

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8970, 29.6308, -30.6047 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(21, 62, 116)` looks like.

```
.text, #text, p{  
    color:rgb(21, 62, 116)  
}
```

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(21, 62, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 62, 116) }
```

Border

The CSS property to change the border of an element to YUV 55.8970, 29.6308, -30.6047 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(21, 62, 116) }
```


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

```
.border{ border-color:rgb(21, 62, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 62, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 62, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 62, 116);  
box-shadow:4px 4px 4px 4px rgb(21, 62,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 55.8970, 29.6308, -30.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 62, 116) }
```

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

```
.background{ background-color: rgb(21, 62,  
116) }
```

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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