

Converting Colors

YUV(54.9230, 30.6040, 30.7625)

Have a look what the booklet for
YUV(54.9230, 30.6040, 30.7625)
contains.

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Color

**YUV(54.9230, 30.6040,
30.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	5A1975
RGB	90, 25, 117
RGB Percent	35%, 10%, 46%
CMY	0.6471, 0.9020, 0.5412
CMYK	0.23, 0.79, 0.00, 0.54
HSL	282°, 65%, 28%
HSV	282°, 79%, 46%
XYZ	7.7750, 4.1533, 17.2215
YIQ	54.9230, 9.2080, 42.3920

Conversions

Conversions Part 2

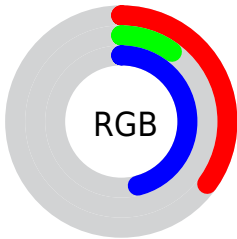
Format	Color
R_{YB}	90, 25, 117
Decimal	5904757
CIE Lab	24.17, 43.89, -38.90
CIE LCh	24, 58.650, 318.453
Yxy	4.1533, 0.2667, 0.1425
Android (android.graphics.Color)	4284094837 (0xFF5A1975)
YUV	54.9230, 30.6040, 30.7625
Hunter-Lab	20.3796, 32.4348, -35.8365

Details

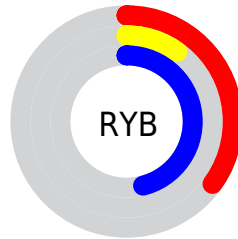
The YUV color **54.9230, 30.6040, 30.7625** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **87.0770, -30.6040, -30.7625**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.7490, 31.1827, 31.7921**, and **19.7120, 23.8060, 17.7926** is the 20% darker color. If you saturate the color by 10%, you get **46.9820, 34.5189, 35.0958**, and if you desaturate by 10%, it is **62.8640, 26.6890, 26.4293**.

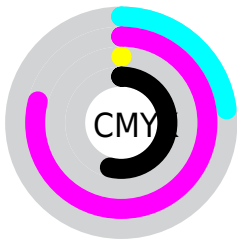
Distribution



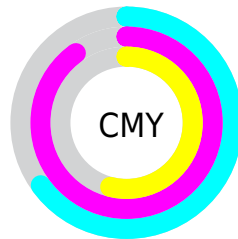
- Red (35%)
- Green (10%)
- Blue (46%)



- Red (35%)
- Yellow (10%)
- Blue (46%)



- Cyan (23%)
- Magenta (79%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.9230, 30.6040, 30.7625 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 54.9230, 30.6040, 30.7625 by changing the saturation by 10% instead.

■ 54.9230, 30.6040,
30.7625

■ 54.9230, 30.6040,
30.7625

■ 255.0000, 0.0000,
0.0000

■ 29.6240, 30.7514,
30.1478

■ 106.7490, 31.1827,
31.7921

■ 19.7120, 23.8060,
17.7926

■ 133.4610, 31.3247,
32.9217

■ 7.8210, 18.3292,
1.0340

■ 160.4010, 32.3403,
33.8513

■ 3.2090, 9.7570,
-2.8143


■ 188.1130, 32.4823,
34.9809


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 21.1255,
37.5803


■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 54.9230, 30.6040,
30.7625


 54.9230, 30.6040,
30.7625


 46.9820, 34.5189,
35.0958


 62.8640, 26.6890,
26.4293


 39.3290, 38.2918,
38.2995

 70.5170, 22.9161,
23.2256

 38.1550, 38.8706,
39.3291

 78.4580, 19.0012,
18.8923

 86.6980, 14.9389,
15.1739

 94.0520, 11.3134,
11.3554

■ 102.2920, 7.2510,
7.6369

■ 110.2330, 3.3361,
3.3037

■ 118.1740, -0.5788,
-1.0296

■ 125.8270, -4.3517,
-4.2333

Harmonies

Analogous

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



48.0000, 46.8350, -42.0960



54.9230, 30.6040, 30.7625



45.7400, 14.9182, 68.6340

Triad

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



54.9230, 30.6040, 30.7625



54.7650, -26.9991, 26.5161



53.6010, 14.9867, -47.0081

Complementary

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



54.9230, 30.6040, 30.7625



87.0770, -30.6040, -30.7625

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.



47.7700, -4.8166, -41.8943



54.9230, 30.6040, 30.7625



51.3220, -25.3017, -4.6674

Square

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



54.9230, 30.6040, 30.7625



46.7120, -23.0290, 59.8886



41.0900, -20.2574, -36.0359



57.5740, 32.7480, -50.4924

Rectangle

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



54.9230, 30.6040, 30.7625



44.5270, 1.2192, 75.8368



41.0900, -20.2574, -36.0359



51.3040, 8.7241, -44.9936

Sweetspot

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



54.9230, 30.6040, 30.7625



127.9920, 12.3289, 12.2850



51.9240, 32.0825, -23.6123



61.4060, 7.6878, 7.5369



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.



54.9230, 30.6040, 30.7625



55.9140, 47.8634, 48.3104



60.9440, 18.7616, 49.1611



54.8800, 2.0312, 1.8592



39.6220, 40.6124, 40.6735



81.4230, 83.1085, 83.8210

Inverse Universe

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



55.5860, -1.7679, 53.8601



56.8440, -2.8811, 84.3288



81.0560, -18.7616, -49.1611



55.0220, -0.0108, 3.4887



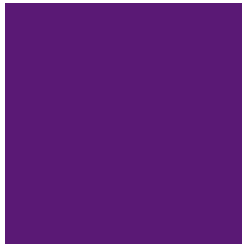
40.5820, -2.2589, 71.4036



83.0720, -4.9655, 146.3959

Previews

White Background



This preview shows how the YUV color 54.9230, 30.6040, 30.7625 looks on a white background.

Color Contrast Check

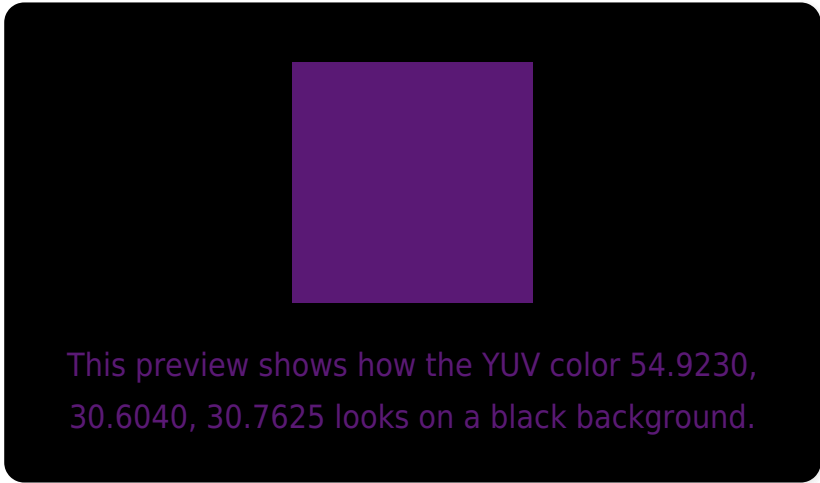
Large Text (above 18pt) WCAG AA ✓ Pass

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

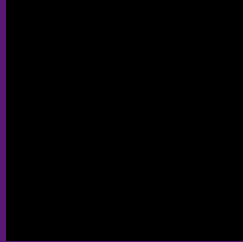
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.9230, 30.6040, 30.7625

Background



This preview shows how black text looks on a background with the YUV color 54.9230, 30.6040, 30.7625.



This preview shows how white text looks on a background with the YUV color 54.9230, 30.6040,

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

54.9230, 30.6040, 30.7625

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.1900, 28.5003, -41.3856



Tritanopia

59.4260, -2.6750, 18.0434

Trichromacy



Original Color

54.9230, 30.6040, 30.7625

Protanomaly

49.8480, 34.0919, -14.7757

Deuteranomaly

49.8820, 29.1452, -14.8055

Tritanomaly

57.9610, 9.3862, 22.8362

Monochromacy



Original Color

54.9230, 30.6040, 30.7625

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0520, 11.3134, 11.3554

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.9230, 30.6040, 30.7625 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(90, 25, 117)` looks like.

```
.text, #text, p{  
    color:rgb(90, 25, 117)  
}
```

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(90, 25, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 25, 117) }
```

Border

The CSS property to change the border of an element to YUV 54.9230, 30.6040, 30.7625 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(90, 25, 117) }
```


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

```
.border{ border-color:rgb(90, 25, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 25, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 25, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 25, 117);  
box-shadow:4px 4px 4px 4px rgb(90, 25,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 54.9230, 30.6040, 30.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 25, 117) }
```

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

```
.background{ background-color: rgb(90, 25,  
117) }
```

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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