

Converting Colors

YUV(90.8430, 41.4894,
-54.2363)

Have a look what the booklet for
YUV(90.8430, 41.4894, -54.2363)
contains.

YUV(90.8430, 41.4894, -54.2363)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.8430, 41.4894,
-54.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	1D6AAF
RGB	29, 106, 175
RGB Percent	11%, 42%, 69%
CMY	0.8863, 0.5843, 0.3137
CMYK	0.83, 0.39, 0.00, 0.31
HSL	208°, 72%, 40%
HSV	208°, 83%, 69%
XYZ	13.3986, 13.6644, 42.4888
YIQ	90.8430, -68.0410, 5.1350

Conversions

Conversions Part 2

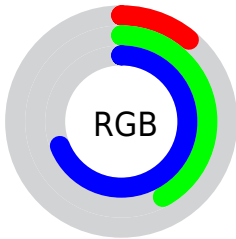
Format	Color
R _Y B	29, 79, 175
Decimal	1927855
CIE Lab	43.75, 2.69, -43.14
CIE LCh	44, 43.221, 273.566
Yxy	13.6644, 0.1926, 0.1965
Android (android.graphics.Color)	4280117935 (0xFF1D6AAF)
YUV	90.8430, 41.4894, -54.2363
Hunter-Lab	36.9654, 0.0101, -42.2733

Details

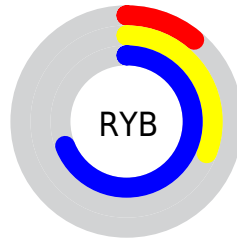
The YUV color **90.8430, 41.4894, -54.2363** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.1570, -41.4894, 54.2363**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0940, 40.8727, -43.0554**, and **49.1280, 35.9259, -43.0853** is the 20% darker color. If you saturate the color by 10%, you get **81.0640, 46.3104, -60.5691**, and if you desaturate by 10%, it is **100.9210, 36.5209, -47.2887**.

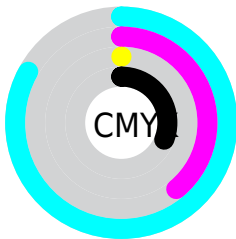
Distribution



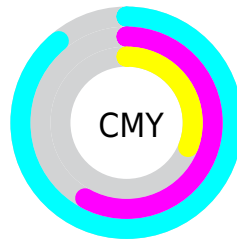
- Red (11%)
- Green (42%)
- Blue (69%)



- Red (11%)
- Yellow (31%)
- Blue (69%)



- Cyan (83%)
- Magenta (39%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8430, 41.4894, -54.2363 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 90.8430, 41.4894, -54.2363 by changing the saturation by 10% instead.

■ 90.8430, 41.4894,
-54.2363

■ 90.8430, 41.4894,
-54.2363

■ 255.0000, 0.0000,
0.0000

■ 65.0060, 40.9160,
-57.0103

■ 148.0940, 40.8727,
-43.0554

■ 49.1280, 35.9259,
-43.0853

■ 175.6490, 39.1200,
-40.9112

■ 33.9510, 31.0832,
-29.7750

■ 200.1690, 27.0317,
-36.9822

■ 18.7740, 26.2404,
-16.4648

■ 225.5750, 14.5065,
-32.9533

■ 7.9340, 20.2455,
-6.9581

■ 243.6380, 5.6015,
-23.3615

■ 3.6650, 11.5042,
-3.2142

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 90.8430, 41.4894,
-54.2363

■ 90.8430, 41.4894,
-54.2363

■ 81.0640, 46.3104,
-60.5691

■ 100.9210, 36.5209,
-47.2887

■ 73.9540, 49.8157,
-64.8577

■ 111.2870, 31.4105,
-41.4707

■ 121.3650, 26.4421,
-34.5231

■ 131.1440, 21.6210,
-28.1903

■ 141.2220, 16.6526,
-21.2427

■ 151.5880, 11.5421,
-15.4247

■ 161.6660, 6.5737,
-8.4771

■ 171.4450, 1.7526,
-2.1443

■ 181.5230, -3.2158,
4.8033

Harmonies

Analogous

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



86.5430, 39.6653, -75.8982



90.8430, 41.4894, -54.2363



105.4760, 28.3593, 3.9675

Triad

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



90.8430, 41.4894, -54.2363



101.7700, -17.6346, 56.3297



83.8240, -6.8152, -54.2196

Complementary

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



90.8430, 41.4894, -54.2363



113.1570, -41.4894, 54.2363

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.



95.4090, -27.3166, -11.7597



90.8430, 41.4894, -54.2363



101.4140, -31.2631, 40.8559

Square

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



90.8430, 41.4894, -54.2363



102.8360, -0.9051, 57.1488



98.8920, -36.4288, 17.6347



83.2250, 11.7211, -72.9883

Rectangle

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



90.8430, 41.4894, -54.2363



106.6380, 19.4055, 29.2585



98.8920, -36.4288, 17.6347



90.0560, -15.3106, -36.0061

Sweetspot

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



90.8430, 41.4894, -54.2363



194.1080, 16.2158, -21.1427



122.4540, -12.5488, -81.9592



94.5560, 10.0789, -12.7656



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



90.8430, 41.4894, -54.2363



96.3180, 64.4262, -84.4709



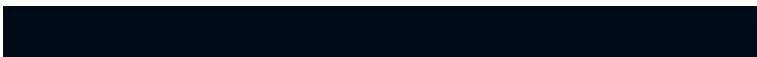
48.5790, 62.3256, -17.1708



81.9610, 2.4842, -3.4738



63.4730, 42.6578, -55.6658



9.6660, 6.5737, -8.4771

Inverse Universe

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



81.4320, 12.1120, 82.0591



81.5530, 18.9544, 127.5570



155.4210, -62.3256, 17.1708



81.2610, 0.8573, 5.0331



53.8560, 12.3960, 84.3183



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 90.8430, 41.4894, -54.2363 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 × Fail

Black Background



This preview shows how the YUV color 90.8430, 41.4894, -54.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

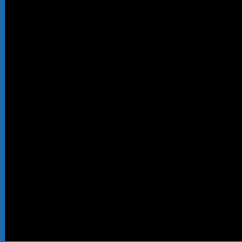
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8430, 41.4894, -54.2363

Background



This preview shows how black text looks on a background with the YUV color 90.8430, 41.4894, -54.2363.



This preview shows how white text looks on a background with the YUV color 90.8430, 41.4894,

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

90.8430, 41.4894, -54.2363

Protanopia

101.0920, 33.9716, -22.8827

Deuteranopia

95.7630, 39.5568, -41.0112



Tritanopia

80.9400, 20.7356, -70.9844

Trichromacy



Original Color

90.8430, 41.4894, -54.2363

Protanomaly

97.4110, 36.7724, -34.5634

Deuteranomaly

94.2570, 40.2993, -45.8294

Tritanomaly

84.6340, 28.2814, -64.5770

Monochromacy



Original Color

90.8430, 41.4894, -54.2363

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.5920, 15.4841, -19.8132

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8430, 41.4894, -54.2363 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(29, 106, 175)` looks like.

```
.text, #text, p{  
    color:rgb(29, 106, 175)  
}
```

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(29, 106, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 106, 175) }
```

Border

The CSS property to change the border of an element to YUV 90.8430, 41.4894, -54.2363 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(29, 106, 175) }
```


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

```
.border{ border-color:rgb(29, 106, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 106, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 106, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 106, 175);  
box-shadow:4px 4px 4px 4px rgb(29, 106,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 90.8430, 41.4894, -54.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 106, 175) }
```

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

```
.background{ background-color: rgb(29, 106,  
175) }
```

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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