

Converting Colors

YUV(69.5320, 47.0657, 24.0894)

Have a look what the booklet for
YUV(69.5320, 47.0657, 24.0894)
contains.

YUV(69.5320, 47.0657, 24.0894)	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(69.5320, 47.0657,
24.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	6125A5
RGB	97, 37, 165
RGB Percent	38%, 15%, 65%
CMY	0.6196, 0.8549, 0.3529
CMYK	0.41, 0.78, 0.00, 0.35
HSL	268°, 63%, 40%
HSV	268°, 78%, 65%
XYZ	12.3829, 6.5811, 36.2149
YIQ	69.5320, -5.3280, 52.5280

Conversions

Conversions Part 2

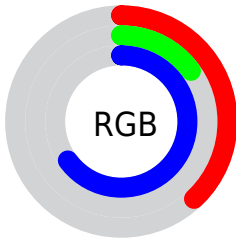
Format	Color
R_{YB}	97, 37, 165
Decimal	6366629
CIE _{Lab}	30.83, 51.60, -57.82
CIE _{LCh}	31, 77.501, 311.747
Yxy	6.5811, 0.2244, 0.1193
Android (android.graphics.Color)	4284556709 (0xFF6125A5)
YUV	69.5320, 47.0657, 24.0894
Hunter-Lab	25.6537, 41.2666, -65.7411

Details

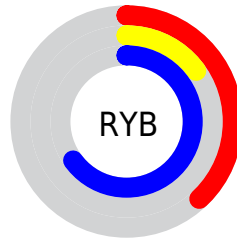
The YUV color **69.5320, 47.0657, 24.0894** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **132.4680, -47.0657, -24.0894**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1840, 48.2233, 26.1486**, and **24.1300, 43.3199, 12.1640** is the 20% darker color. If you saturate the color by 10%, you get **57.4490, 53.0226, 26.7932**, and if you desaturate by 10%, it is **81.6150, 41.1088, 21.3856**.

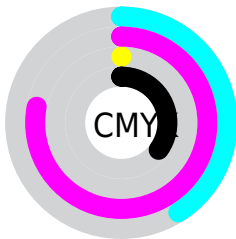
Distribution



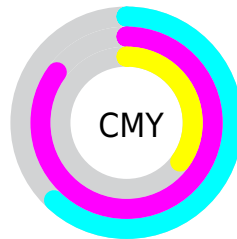
- Red (38%)
- Green (15%)
- Blue (65%)



- Red (38%)
- Yellow (15%)
- Blue (65%)



- Cyan (41%)
- Magenta (78%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5320, 47.0657, 24.0894 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 69.5320, 47.0657, 24.0894 by changing the saturation by 10% instead.

69.5320, 47.0657,
24.0894

69.5320, 47.0657,
24.0894

255.0000, 0.0000,
0.0000

39.2980, 48.6601,
26.0487

123.1840, 48.2233,
26.1486

24.1300, 43.3199,
12.1640

150.4230, 49.0915,
27.6930

11.1140, 37.4118,
-6.2390

174.9260, 39.4765,
31.6369

7.0680, 27.0815,
-6.1986

200.3320, 26.9513,
35.6658

6.2070, 16.1669,
-5.4435

220.9540, 16.7847,
29.8583

2.5250, 7.1362,
-2.2144

237.3900, 8.6817,

0.0000, 0.0000,

15.4440

0.0000

254.4130, 0.2894,
0.5148

■ 69.5320, 47.0657,
24.0894

■ 69.5320, 47.0657,
24.0894

■ 57.4490, 53.0226,
26.7932

■ 81.6150, 41.1088,
21.3856

■ 44.7790, 59.2690,
30.0118

■ 94.2850, 34.8625,
18.1671

■ 41.8330, 60.7213,
30.8415

■ 106.0690, 29.0530,
14.8485

■ 118.7390, 22.8067,
11.6299

■ 130.8220, 16.8498,
8.9261

■ 143.4920, 10.6034,
5.7075

■ 155.2760, 4.7939,
2.3889

■ 167.9460, -1.4524,
-0.8296

■ 180.6160, -7.6987,
-4.0482

Harmonies

Analogous

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



65.6680, 63.7607, -57.5908



69.5320, 47.0657, 24.0894



59.7110, 25.7785, 85.3225

Triad

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



69.5320, 47.0657, 24.0894



67.8660, -33.4579, 44.8445



66.7090, 14.4405, -58.5038

Complementary

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



69.5320, 47.0657, 24.0894



132.4680, -47.0657, -24.0894

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.



58.1250, -13.3726, -50.9756



69.5320, 47.0657, 24.0894



66.1180, -32.5962, 1.6505

Square

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



69.5320, 47.0657, 24.0894



46.3450, -22.8481, 95.2904



51.6560, -25.4664, -45.3023



73.3210, 39.7747, -64.3025

Rectangle

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



69.5320, 47.0657, 24.0894



59.0380, 6.3903, 97.3137



51.6560, -25.4664, -45.3023



63.7280, 5.5571, -55.8895

Sweetspot

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



69.5320, 47.0657, 24.0894



177.4630, 18.0127, 9.2409



91.5080, 36.2316, -47.8035



84.6060, 11.0402, 5.6075



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



69.5320, 47.0657, 24.0894



65.4930, 73.2140, 37.2786



88.6680, 37.6317, 63.4352



75.2220, 3.3416, 1.5593



36.8620, 53.3120, 27.3080



4.4440, 6.6831, 3.1186

Inverse Universe

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



83.0240, 10.8342, 71.8930



86.5850, 16.9666, 111.7430



113.3320, -37.6317, -63.4352



76.2610, 0.8573, 5.0331



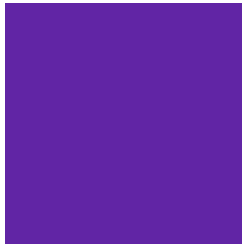
52.1330, 12.2594, 81.4444



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 69.5320, 47.0657, 24.0894 looks on a white background.

Color Contrast Check

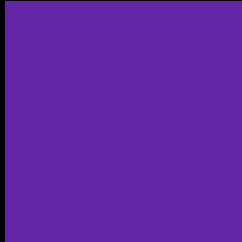
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.5320, 47.0657, 24.0894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

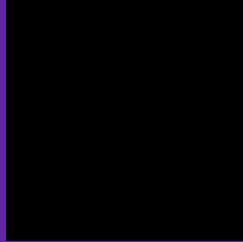
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5320, 47.0657, 24.0894

Background



This preview shows how black text looks on a background with the YUV color 69.5320, 47.0657, 24.0894.



This preview shows how white text looks on a background with the YUV color 69.5320, 47.0657,

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

69.5320, 47.0657, 24.0894

Protanopia

58.6630, 44.5361, -51.4475

Deuteranopia

58.7310, 34.6426, -51.5071



Tritanopia

73.4780, 1.7363, 3.0888

Trichromacy



Original Color

69.5320, 47.0657, 24.0894

Protanomaly

62.7680, 45.4704, -24.3525

Deuteranomaly

62.4600, 39.2132, -24.0824

Tritanomaly

72.1750, 18.1547, 10.3705

Monochromacy



Original Color

69.5320, 47.0657, 24.0894

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9360, 17.2866, 8.8261

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5320, 47.0657, 24.0894 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(97, 37, 165)` looks like.

```
.text, #text, p{  
    color:rgb(97, 37, 165)  
}
```

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(97, 37, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 37, 165) }
```

Border

The CSS property to change the border of an element to YUV 69.5320, 47.0657, 24.0894 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(97, 37, 165) }
```


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

```
.border{ border-color:rgb(97, 37, 165) }
```

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

Here you see how a box with a 4 pixel rgb(97, 37, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 37, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 37, 165);  
box-shadow:4px 4px 4px 4px rgb(97, 37,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 69.5320, 47.0657, 24.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 37, 165) }
```

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

```
.background{ background-color: rgb(97, 37,  
165) }
```

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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