

Converting Colors

YUV(103.9290, 34.5450,
-20.1087)

Have a look what the booklet for
YUV(103.9290, 34.5450, -20.1087)
contains.

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Color

**YUV(103.9290, 34.5450,
-20.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	5166AE
RGB	81, 102, 174
RGB Percent	32%, 40%, 68%
CMY	0.6824, 0.6000, 0.3176
CMYK	0.53, 0.41, 0.00, 0.32
HSL	226°, 36%, 50%
HSV	226°, 53%, 68%
XYZ	15.7847, 14.3081, 41.9742
YIQ	103.9290, -35.6280, 17.9400

Conversions

Conversions Part 2

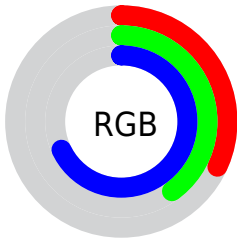
Format	Color
RYB	81, 98, 174
Decimal	5334702
CIELab	44.67, 13.32, -40.95
CIELCh	45, 43.063, 288.015
Yxy	14.3081, 0.2190, 0.1985
Android (android.graphics.Color)	4283524782 (0xFF5166AE)
YUV	103.9290, 34.5450, -20.1087
Hunter-Lab	37.8260, 8.2921, -39.3138

Details

The YUV color **103.9290, 34.5450, -20.1087** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **151.0710, -34.5450, 20.1087**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6950, 36.1394, -18.1495**, and **52.0480, 33.9933, -29.8601** is the 20% darker color. If you saturate the color by 10%, you get **91.2150, 40.8130, -23.8676**, and if you desaturate by 10%, it is **116.6430, 28.2770, -16.3499**.

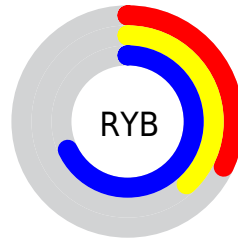
Distribution



Red (32%)

Green (40%)

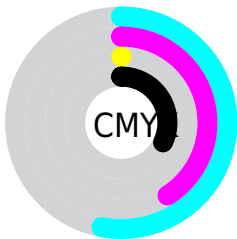
Blue (68%)



Red (32%)

Yellow (38%)

Blue (68%)

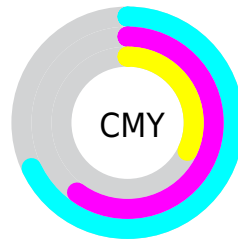


Cyan (53%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (68%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9290, 34.5450, -20.1087 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 103.9290, 34.5450, -20.1087 by changing the saturation by 10% instead.

■ 103.9290, 34.5450,
-20.1087

■ 103.9290, 34.5450,
-20.1087

■ 255.0000, 0.0000,
0.0000

■ 78.3910, 33.8242,
-22.2679

■ 156.6950, 36.1394,
-18.1495

■ 52.0480, 33.9933,
-29.8601

■ 183.1790, 35.4078,
-16.8200

■ 31.4890, 31.8039,
-27.6159

■ 207.9870, 23.1774,
-14.0206

■ 16.4260, 27.3980,
-14.4056

■ 233.0940, 10.7997,
-10.6064

■ 7.8200, 19.8087,
-6.8581

■ 253.8040, 0.5896,
-2.4591

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 103.9290, 34.5450,
-20.1087

■ 103.9290, 34.5450,
-20.1087

■ 91.2150, 40.8130,
-23.8676

■ 116.6430, 28.2770,
-16.3499

■ 77.6150, 47.5178,
-27.7264

■ 130.2430, 21.5722,
-12.4911

■ 64.9010, 53.7858,
-31.4852

■ 142.9570, 15.3042,
-8.7323

■ 51.3010, 60.4906,
-35.3440

■ 156.5570, 8.5994,
-4.8735

■ 42.7290, 64.7166,
-37.4733

■ 169.2710, 2.3314,
-1.1147

■ 182.5720, -4.2260,
2.1294

■ 195.5850,
-10.6414, 6.5030

■ 208.8860,
-17.1988, 9.7470

■ 221.8990,
-23.6142, 14.1206

Harmonies

Analogous

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



86.9820, 43.8859, -76.2832



103.9290, 34.5450, -20.1087



108.9900, 22.1899, 22.8108

Triad

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



103.9290, 34.5450, -20.1087



104.0760, -25.1805, 49.9223



81.8740, 4.0061, -71.8035

Complementary

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



103.9290, 34.5450, -20.1087



151.0710, -34.5450, 20.1087

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.



94.0740, -19.2635, -28.1289



103.9290, 34.5450, -20.1087



102.7240, -34.8669, 30.0601

Square

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



103.9290, 34.5450, -20.1087



104.6700, -9.2043, 59.0484



99.3140, -33.1858, 4.1096



86.6790, 19.8783, -76.0175

Rectangle

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



103.9290, 34.5450, -20.1087



107.8910, 12.3787, 43.0686



99.3140, -33.1858, 4.1096



81.0010, -1.9725, -67.5299

Sweetspot

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



103.9290, 34.5450, -20.1087



199.8000, 13.4096, -7.7176



143.6850, 4.0993, -54.9747



98.4430, 8.1626, -4.7735



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.



103.9290, 34.5450, -20.1087



117.3140, 54.0752, -30.9704



99.0770, 36.9370, 6.0715



80.2000, 3.3524, -1.9294



37.0580, 55.6804, -32.4999



5.5570, 8.5994, -4.8735

Inverse Universe

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



111.2010, -4.5361, 55.0747



129.0030, -7.3965, 85.9434



155.9230, -36.9370, -6.0715



80.9190, -0.4531, 5.3330



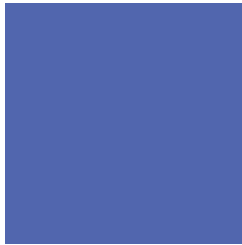
48.7260, -7.2599, 88.8173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 103.9290, 34.5450, -20.1087 looks on a white background.

Color Contrast Check

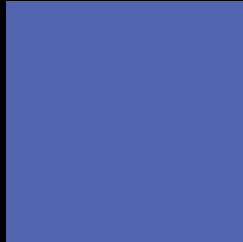
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9290, 34.5450, -20.1087 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 103.9290, 34.5450, -20.1087

Background



This preview shows how black text looks on a background with the YUV color 103.9290, 34.5450, -20.1087.



This preview shows how white text looks on a background with the YUV color 103.9290, 34.5450,

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

103.9290, 34.5450, -20.1087

Protanopia

103.1350, 35.4294, -23.7974

Deuteranopia

100.4820, 35.7514, -33.7487



Tritanopia

99.0760, 11.3015, -31.6387

Trichromacy



Original Color

103.9290, 34.5450, -20.1087

Protanomaly

103.7330, 35.1346, -22.5678

Deuteranomaly

101.9880, 35.0089, -28.9305

Tritanomaly

100.9870, 19.7264, -27.1756

Monochromacy



Original Color

103.9290, 34.5450, -20.1087

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8710, 12.3886, -6.9029

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9290, 34.5450, -20.1087 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(81, 102, 174)` looks like.

```
.text, #text, p{  
    color:rgb(81, 102, 174)  
}
```

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(81, 102, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 102, 174) }
```

Border

The CSS property to change the border of an element to YUV 103.9290, 34.5450, -20.1087 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(81, 102, 174) }
```


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

```
.border{ border-color:rgb(81, 102, 174) }
```

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

Here you see how a box with a 4 pixel rgb(81, 102, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 102, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 102, 174);  
box-shadow:4px 4px 4px 4px rgb(81, 102,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 103.9290, 34.5450, -20.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 102, 174) }
```

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

```
.background{ background-color: rgb(81, 102,  
174) }
```

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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