

Converting Colors

YUV(69.3040, 9.7101, 105.8504)

Have a look what the booklet for
YUV(69.3040, 9.7101, 105.8504)
contains.

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Color

**YUV(69.3040, 9.7101,
105.8504)**

Conversions

Conversions Part 1

Format	Color
Hex	BE0459
RGB	190, 4, 89
RGB Percent	75%, 2%, 35%
CMY	0.2549, 0.9843, 0.6510
CMYK	0.00, 0.98, 0.53, 0.25
HSL	333°, 96%, 38%
HSV	333°, 98%, 75%
XYZ	23.0818, 11.7553, 10.5036
YIQ	69.3040, 83.5710, 65.8670

Conversions

Conversions Part 2

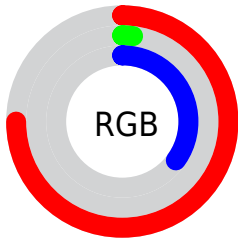
Format	Color
R_YB	190, 4, 89
Decimal	12452953
CIE _{Lab}	40.82, 67.01, 6.25
CIE _{LCh}	41, 67.304, 5.326
Yxy	11.7553, 0.5091, 0.2593
Android (android.graphics.Color)	4290643033 (0xFFBE0459)
YUV	69.3040, 9.7101, 105.8504
Hunter-Lab	34.2859, 60.1684, 5.8364

Details

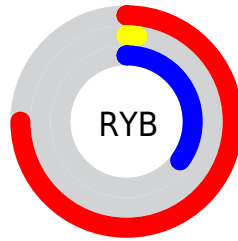
The YUV color **69.3040, 9.7101, 105.8504** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **124.6960, -9.7101, -105.8504**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0890, -1.0299, 97.2689**, and **43.8860, 0.0562, 75.5220** is the 20% darker color. If you saturate the color by 10%, you get **66.7280, 9.9941, 108.1095**, and if you desaturate by 10%, it is **81.5970, 8.5797, 95.0694**.

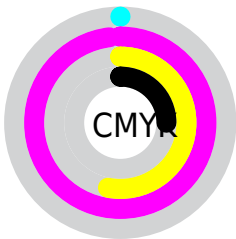
Distribution



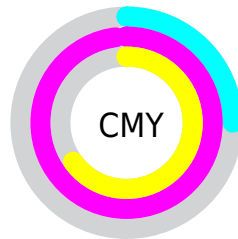
- Red (75%)
- Green (2%)
- Blue (35%)



- Red (75%)
- Yellow (2%)
- Blue (35%)



- Cyan (0%)
- Magenta (98%)
- Yellow (53%)
- Black (25%)




- Cyan (25%)
- Magenta (98%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.3040, 9.7101, 105.8504 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 69.3040, 9.7101, 105.8504 by changing the saturation by 10% instead.


 69.3040, 9.7101,
105.8504

 69.3040, 9.7101,
105.8504


255.0000, 0.0000,
0.0000


 55.3640, 5.2435,
91.7658


 141.0890, -1.0299,
97.2689


 43.8860, 0.0562,
75.5220


 162.5600, 1.2029,
81.0699


 32.6360, -4.2575,
59.0782


 182.6610, 4.6041,
63.4413

 21.8700, -9.3029,
43.9640

 202.8760, 8.4421,
45.7127

 12.3730, -5.6069,
25.1059

 223.0910, 12.2801,
27.9842

 0.0000, 0.0000,
0.0000

 240.9120, 6.9454,

■ 69.3040, 9.7101,
105.8504

■ 69.3040, 9.7101,
105.8504

■ 66.7280, 9.9941,
108.1095

■ 81.5970, 8.5797,
95.0694

■ 94.0040, 7.8860,
84.1885

■ 106.2970, 6.7556,
73.4075

■ 118.5900, 5.6251,
62.6266

■ 130.9970, 4.9315,
51.7456

■ 143.2900, 3.8010,
40.9647

■ 155.5830, 2.6706,
30.1837

■ 167.9900, 1.9769,
19.3028

■ 180.2830, 0.8465,
8.5218

Harmonies

Analogous

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



89.4270, 26.4115, 68.9085



69.3040, 9.7101, 105.8504



83.0620, -23.6946, 86.7686

Triad

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



69.3040, 9.7101, 105.8504



78.9220, -38.9085, -27.1186



89.3760, 53.0586, -78.3828

Complementary

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



69.3040, 9.7101, 105.8504



124.6960, -9.7101, -105.8504

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.



87.9790, 35.0134, -77.1576



69.3040, 9.7101, 105.8504



73.9230, -13.7660, -64.8305

Square

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



69.3040, 9.7101, 105.8504



89.5300, -44.1383, 17.0752



81.8230, 11.4263, -71.7588



82.9990, 61.6255, -72.7901

Rectangle

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



69.3040, 9.7101, 105.8504



87.4900, -43.1326, 67.9763



81.8230, 11.4263, -71.7588



89.4100, 48.1119, -78.4126

Sweetspot

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



69.3040, 9.7101, 105.8504



200.8770, 3.5116, 40.4499



54.8050, 66.6511, 42.2670



96.4360, 2.2501, 25.0506



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



69.3040, 9.7101, 105.8504



86.7350, 12.9486, 140.5524



63.1360, -29.1540, 111.2597



88.1470, 0.4205, 5.1331



55.4500, 8.1592, 89.9364



10.8650, 1.5456, 17.6584

Inverse Universe

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



69.3040, 9.7101, 105.8504



86.7350, 12.9486, 140.5524



130.8640, 29.1540, -111.2597



88.1470, 0.4205, 5.1331



55.4500, 8.1592, 89.9364



10.8650, 1.5456, 17.6584

Previews

White Background



This preview shows how the YUV color 69.3040, 9.7101, 105.8504 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 69.3040, 9.7101, 105.8504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

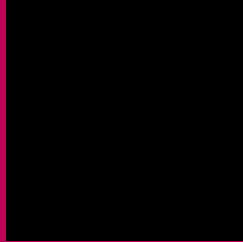
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.3040, 9.7101, 105.8504

Background



This preview shows how black text looks on a background with the YUV color 69.3040, 9.7101, 105.8504.



This preview shows how white text looks on a background with the YUV color 69.3040, 9.7101, 105.8504.

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

69.3040, 9.7101, 105.8504

Protanopia

98.5550, 15.0094, -7.5027

Deuteranopia

99.0850, -8.9159, 13.0805



Tritanopia

81.3340, -22.8427, 93.5461

Trichromacy



Original Color

69.3040, 9.7101, 105.8504

Protanomaly

87.6510, 12.9901, 33.6321

Deuteranomaly

88.4280, -2.1830, 46.9826

Tritanomaly

76.8690, -10.7814, 98.3389

Monochromacy



Original Color

69.3040, 9.7101, 105.8504

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8660, 3.5171, 38.7055

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3040, 9.7101, 105.8504 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(190, 4, 89)` looks like.

```
.text, #text, p{  
    color:rgb(190, 4, 89)  
}
```

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(190, 4, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 4, 89) }
```

Border

The CSS property to change the border of an element to YUV 69.3040, 9.7101, 105.8504 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(190, 4, 89) }
```


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

```
.border{ border-color:rgb(190, 4, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 4, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 4, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 4, 89);  
box-shadow:4px 4px 4px 4px rgb(190, 4, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.3040, 9.7101, 105.8504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 4, 89) }
```

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

```
.background{ background-color: rgb(190, 4,  
89) }
```

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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