

Converting Colors

YUV(108.9390, 26.1591, 9.7005)

Have a look what the booklet for
YUV(108.9390, 26.1591, 9.7005)
contains.

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Color

**YUV(108.9390, 26.1591,
9.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	785DA2
RGB	120, 93, 162
RGB Percent	47%, 36%, 64%
CMY	0.5294, 0.6353, 0.3647
CMYK	0.26, 0.43, 0.00, 0.36
HSL	263°, 27%, 50%
HSV	263°, 43%, 64%
XYZ	18.1817, 14.4304, 36.0095
YIQ	108.9390, -6.0570, 27.1830

Conversions

Conversions Part 2

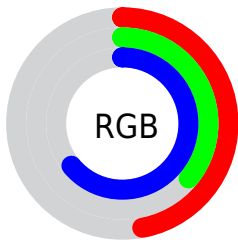
Format	Color
R_{YB}	120, 93, 162
Decimal	7888290
CIE _{Lab}	44.84, 25.84, -33.41
CIE _{LCh}	45, 42.230, 307.719
Yxy	14.4304, 0.2650, 0.2103
Android (android.graphics.Color)	4286078370 (0xFF785DA2)
YUV	108.9390, 26.1591, 9.7005
Hunter-Lab	37.9874, 18.9565, -29.6118

Details

The YUV color **108.9390, 26.1591, 9.7005** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.0610, -26.1591, -9.7005**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2920, 27.4640, 11.1449**, and **60.1730, 24.5647, 7.7413** is the 20% darker color. If you saturate the color by 10%, you get **96.5570, 32.2634, 11.7895**, and if you desaturate by 10%, it is **121.3210, 20.0547, 7.6115**.

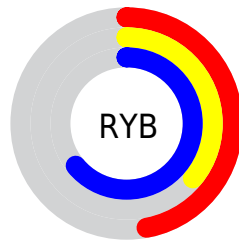
Distribution



Red (47%)

Green (36%)

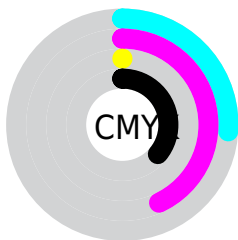
Blue (64%)



Red (47%)

Yellow (36%)

Blue (64%)

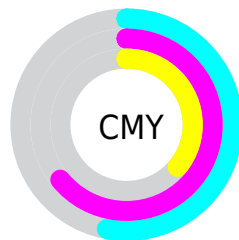


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9390, 26.1591, 9.7005 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 108.9390, 26.1591, 9.7005 by changing the saturation by 10% instead.

■ 108.9390, 26.1591,
9.7005

■ 108.9390, 26.1591,
9.7005

■ 255.0000, 0.0000,
0.0000

■ 84.1130, 25.5803,
8.6709

■ 161.2920, 27.4640,
11.1449

■ 60.1730, 24.5647,
7.7413

■ 188.2320, 28.4796,
12.0745

■ 37.5210, 23.4071,
5.6821

■ 214.0660, 20.1805,
13.9741

■ 14.5210, 23.4071,
5.6821

■ 237.9770, 8.3923,
14.9292

■ 4.4460, 17.0351,
-3.8991

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 108.9390, 26.1591,
9.7005

■ 108.9390, 26.1591,
9.7005

■ 96.5570, 32.2634,
11.7895

■ 121.3210, 20.0547,
7.6115

■ 84.1750, 38.3677,
13.8785

■ 133.7030, 13.9504,
5.5225

■ 71.2060, 44.7614,
16.4823

■ 146.6720, 7.5567,
2.9187

■ 59.1230, 50.7184,
19.1861

■ 158.7550, 1.5998,
0.2149

■ 46.7410, 56.8227,
21.2751

■ 171.1370, -4.5045,
-1.8741

■ 37.3050, 61.4746,
22.5345

■ 183.5190,
-10.6089, -3.9632

■ 195.9010,
-16.7132, -6.0522

■ 208.8700,
-23.1069, -8.6560

■ 221.2520,
-29.2112, -10.7450

Harmonies

Analogous

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



99.3180, 37.8042, -38.8669



108.9390, 26.1591, 9.7005



108.2930, 12.6736, 41.8390

Triad

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



108.9390, 26.1591, 9.7005



104.1640, -32.1259, 37.5672



85.1970, 14.1999, -74.7178

Complementary

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



108.9390, 26.1591, 9.7005



146.0610, -26.1591, -9.7005

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.



84.1050, -3.0098, -61.4821



108.9390, 26.1591, 9.7005



101.3260, -34.6707, 13.7461

Square

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



108.9390, 26.1591, 9.7005



104.5910, -19.5184, 53.8557



97.0710, -24.6850, -15.8483



88.4860, 29.3404, -77.6022

Rectangle

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



108.9390, 26.1591, 9.7005



106.7970, 1.5791, 53.6750



97.0710, -24.6850, -15.8483



83.8290, 8.9583, -73.5180

Sweetspot

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



108.9390, 26.1591, 9.7005



190.4810, 10.6089, 3.9632



126.1070, 17.6952, -29.0348



94.0310, 6.3937, 2.6038



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.



108.9390, 26.1591, 9.7005



128.8700, 40.9831, 15.0230



119.1050, 21.1472, 30.6029



75.2220, 3.3416, 1.5593



33.5730, 54.9335, 20.5455



4.1450, 6.8305, 2.5038

Inverse Universe

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



118.4190, 8.1744, 38.2205



143.7020, 12.4719, 59.8973



135.8950, -21.1472, -30.6029



76.2610, 0.8573, 5.0331



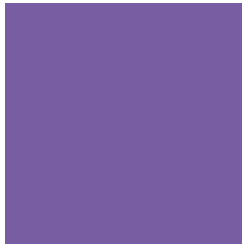
53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 108.9390, 26.1591, 9.7005 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 108.9390, 26.1591, 9.7005 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 108.9390, 26.1591, 9.7005

Background



This preview shows how black text looks on a background with the YUV color 108.9390, 26.1591, 9.7005.



This preview shows how white text looks on a background with the YUV color 108.9390, 26.1591, 9.7005.

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

108.9390, 26.1591, 9.7005

Protanopia

104.5760, 33.2400, -21.5532

Deuteranopia

104.8660, 26.6881, -20.0535



Tritanopia

107.0050, 2.4625, 3.5036

Trichromacy



Original Color

108.9390, 26.1591, 9.7005

Protanomaly

106.2570, 30.4393, -9.8724

Deuteranomaly

106.2310, 26.5081, -8.9726

Tritanomaly

107.6060, 11.0402, 5.6075

Monochromacy



Original Color

108.9390, 26.1591, 9.7005

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8400, 9.4459, 3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9390, 26.1591, 9.7005 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(120, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(120, 93, 162)  
}
```

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(120, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 93, 162) }
```

Border

The CSS property to change the border of an element to YUV 108.9390, 26.1591, 9.7005 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(120, 93, 162) }
```


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

```
.border{ border-color:rgb(120, 93, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 93, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 93, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 93, 162); box-shadow:4px 4px 4px 4px rgb(120, 93, 162) }
```

Background

The CSS property to change the background color of an element to YUV 108.9390, 26.1591, 9.7005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 93, 162) }
```

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

```
.background{ background-color: rgb(120, 93,  
162) }
```

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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