

Converting Colors

YUV(32.6990, 46.9834, 3.7720)

Have a look what the booklet for
YUV(32.6990, 46.9834, 3.7720)
contains.

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Color

**YUV(32.6990, 46.9834,
3.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	250C80
RGB	37, 12, 128
RGB Percent	15%, 5%, 50%
CMY	0.8549, 0.9529, 0.4980
CMYK	0.71, 0.91, 0.00, 0.50
HSL	253°, 83%, 27%
HSV	253°, 91%, 50%
XYZ	4.7907, 2.2148, 20.5971
YIQ	32.6990, -22.3360, 41.3760

Conversions

Conversions Part 2

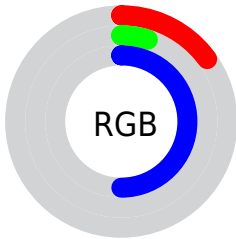
Format	Color
R_{YB}	37, 12, 128
Decimal	2428032
CIE _{Lab}	16.58, 44.28, -58.64
CIE _{LCh}	17, 73.484, 307.056
Yxy	2.2148, 0.1736, 0.0802
Android (android.graphics.Color)	4280618112 (0xFF250C80)
YUV	32.6990, 46.9834, 3.7720
Hunter-Lab	14.8821, 31.4173, -71.6408

Details

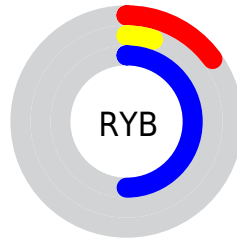
The YUV color **32.6990, 46.9834, 3.7720** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **107.3010, -46.9834, -3.7720**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.8570, 47.3985, 10.6494**, and **8.7780, 33.6334, -7.6983** is the 20% darker color. If you saturate the color by 10%, you get **22.9640, 51.7827, 4.4166**, and if you desaturate by 10%, it is **43.3200, 41.7472, 3.2274**.

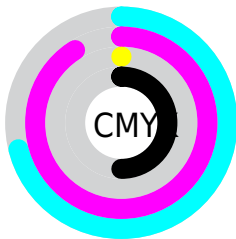
Distribution



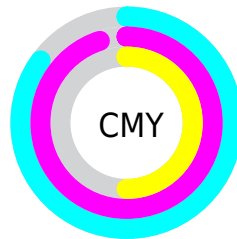
- Red (15%)
- Green (5%)
- Blue (50%)



- Red (15%)
- Yellow (5%)
- Blue (50%)



- Cyan (71%)
- Magenta (91%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (95%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6990, 46.9834, 3.7720 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 32.6990, 46.9834, 3.7720 by changing the saturation by 10% instead.

■ 32.6990, 46.9834,
3.7720

■ 32.6990, 46.9834,
3.7720

■ 250.8910, 2.0257,
3.6036

■ 11.6280, 44.5534,
-10.1978

■ 85.8570, 47.3985,
10.6494

■ 8.7780, 33.6334,
-7.6983

■ 112.0960, 48.2667,
12.1938

■ 8.9770, 21.7033,
-7.8728

■ 138.4490, 49.5716,
13.6382

■ 4.7080, 12.9620,
-4.1289

■ 164.2060, 44.7614,
16.4823


■ 0.2280, 0.8736,
-0.2000


■ 188.7260, 32.6731,
20.4113


■ 0.0000, 0.0000,
0.0000


■ 213.5450, 20.4373,


24.9550


 233.8680, 10.4181,
18.5328


 32.6990, 46.9834,
3.7720


 32.6990, 46.9834,
3.7720


 22.9640, 51.7827,
4.4166

 43.3200, 41.7472,
3.2274

 53.9410, 36.5111,
2.6827

 63.9750, 31.5643,
2.6529

 74.5960, 26.3282,
2.1083

 85.2170, 21.0920,
1.5637

■ 95.8380, 15.8559,
1.0191

■ 106.4590, 10.6197,
0.4745

■ 116.4930, 5.6730,
0.4446

■ 127.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



45.2760, 51.6289, -39.7071



32.6990, 46.9834, 3.7720



41.4550, 20.4817, 57.4830

Triad

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



32.6990, 46.9834, 3.7720



35.0840, -17.2964, 41.1453



40.6750, 6.0762, -35.6720

Complementary

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



32.6990, 46.9834, 3.7720



107.3010, -46.9834, -3.7720

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.



33.4590, -16.4953, -29.3435



32.6990, 46.9834, 3.7720



38.0870, -18.7769, 2.5547

Square

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



32.6990, 46.9834, 3.7720



33.1890, -16.3622, 68.2402



31.1110, -15.3377, -27.2843



46.6030, 28.7897, -40.8708

Rectangle

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



32.6990, 46.9834, 3.7720



41.7650, 3.5669, 69.4891



31.1110, -15.3377, -27.2843



37.9220, -1.9335, -33.2576

Sweetspot

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



32.6990, 46.9834, 3.7720



129.1200, 18.1818, 1.6488



79.8150, 23.7552, -59.4738



61.8720, 10.9091, 0.9893



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



32.6990, 46.9834, 3.7720



29.6880, 67.2018, 5.5356



49.4430, 38.7286, 38.1995



58.3960, 2.7628, 0.5297



22.6650, 51.9302, 3.8018



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.0580, 22.6494, 62.2161



64.4540, 32.3142, 89.0558



90.5570, -38.7286, -38.1995



59.6630, 1.1521, 3.8035



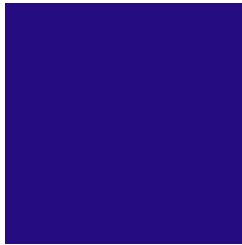
49.6720, 24.8117, 68.6937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 32.6990, 46.9834, 3.7720 looks on a white background.

Color Contrast Check

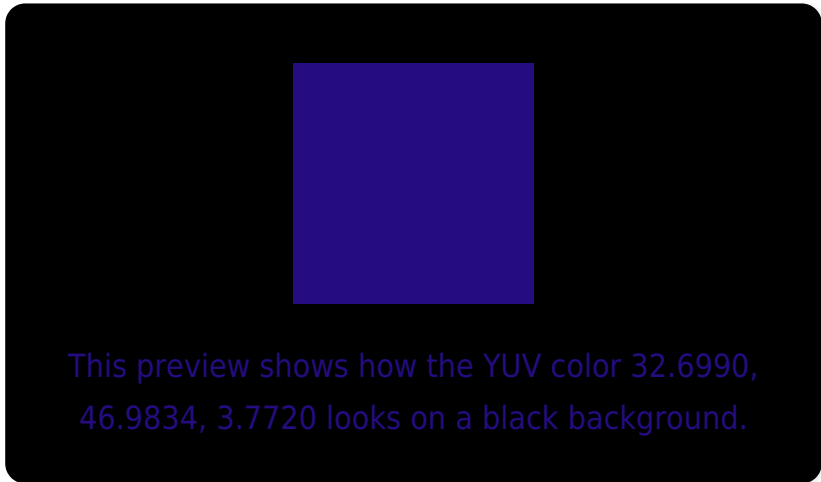
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 32.6990, 46.9834, 3.7720

Background



This preview shows how black text looks on a background with the YUV color 32.6990, 46.9834, 3.7720.



This preview shows how white text looks on a background with the YUV color 32.6990, 46.9834,

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

32.6990, 46.9834, 3.7720

Protanopia

33.9850, 26.1364, -29.8048

Deuteranopia

34.2640, 19.5898, -30.0495



Tritanopia

33.8760, 7.9491, -29.7093

Trichromacy



Original Color

32.6990, 46.9834, 3.7720

Protanomaly

33.1250, 33.9554, -17.6496

Deuteranomaly

33.3870, 29.8822, -17.8794

Tritanomaly

33.3240, 22.0253, -17.8241

Monochromacy



Original Color

32.6990, 46.9834, 3.7720

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.5930, 17.4557, 1.2339

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6990, 46.9834, 3.7720 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(37, 12, 128)` looks like.

```
.text, #text, p{  
    color:rgb(37, 12, 128)  
}
```

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(37, 12, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 12, 128) }
```

Border

The CSS property to change the border of an element to YUV 32.6990, 46.9834, 3.7720 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(37, 12, 128) }
```


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

```
.border{ border-color:rgb(37, 12, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 12, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 12, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 12, 128);  
box-shadow:4px 4px 4px 4px rgb(37, 12,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 32.6990, 46.9834, 3.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 12, 128) }
```

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

```
.background{ background-color: rgb(37, 12,  
128) }
```

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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