

Converting Colors

YUV(32.4950, 6.1650, 29.3839)

Have a look what the booklet for
YUV(32.4950, 6.1650, 29.3839)
contains.

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Color

**YUV(32.4950, 6.1650,
29.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	420D2D
RGB	66, 13, 45
RGB Percent	26%, 5%, 18%
CMY	0.7412, 0.9490, 0.8235
CMYK	0.00, 0.80, 0.32, 0.74
HSL	324°, 67%, 15%
HSV	324°, 80%, 26%
XYZ	2.8643, 1.6356, 2.6473
YIQ	32.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

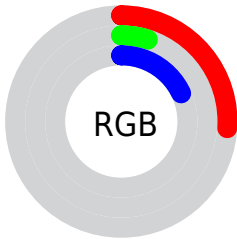
Format	Color
R _Y B	66, 13, 45
Decimal	4328749
CIE Lab	13.45, 28.68, -7.17
CIE LCh	13, 29.561, 345.957
Yxy	1.6356, 0.4008, 0.2288
Android (android.graphics.Color)	4282518829 (0xFF420D2D)
YUV	32.4950, 6.1650, 29.3839
Hunter-Lab	12.7889, 17.5983, -3.3210




Details

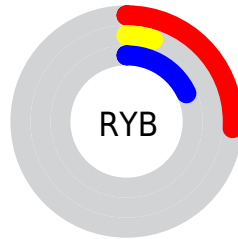
The YUV color **32.4950, 6.1650, 29.3839** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **46.5050, -6.1650, -29.3839**, and the grayscale version is **32.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **80.2780, 5.2859, 31.3282**, and **0.2990, -0.1474, 0.6148** is the 20% darker color. If you saturate the color by 10%, you get **28.0440, 6.8803, 33.2874**, and if you desaturate by 10%, it is **36.9460, 5.4496, 25.4804**.

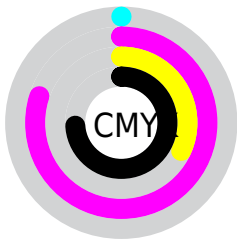
Distribution







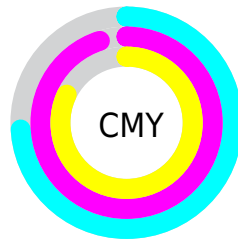
-  Red (26%)
-  Green (5%)
-  Blue (18%)






-  Red (26%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (32%)
-  Black (74%)





-  Cyan (74%)
-  Magenta (95%)
-  Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the YUV color 32.4950, 6.1650, 29.3839 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 32.4950, 6.1650, 29.3839 by changing the saturation by 10% instead.


 32.4950, 6.1650,
29.3839


 32.4950, 6.1650,
29.3839

 249.7170, 2.6045,
4.6332

 15.7070, 4.5814,
23.9360

 80.2780, 5.2859,
31.3282


 0.2990, -0.1474,
0.6148

 105.1750, 4.8437,
33.1725

 0.0000, 0.0000,
0.0000

 130.8870, 4.9857,
34.3021


 157.4850, 4.6909,
35.5317


 184.7840, 4.5435,
36.1464

 212.4960, 4.6855,

37.2760


 232.2380, 9.2497,
19.9623


 32.4950, 6.1650,
29.3839


 32.4950, 6.1650,
29.3839

 28.0440, 6.8803,
33.2874


 36.9460, 5.4496,
25.4804

 24.2940, 7.7431,
36.5762

 40.6960, 4.5869,
22.1916

 45.1470, 3.8715,
18.2881

 48.8970, 3.0088,
14.9993

 53.3480, 2.2934,
11.0958

■ 57.7990, 1.5781,
7.1923

■ 61.5490, 0.7153,
3.9035

■ 66.0000, 0.0000,
0.0000

■ 69.8640, -0.4260,
-3.3887

Harmonies

Analogous

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



35.3340, 13.6393, 11.9851



32.4950, 6.1650, 29.3839



30.1230, -3.0186, 34.9721

Triad

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



32.4950, 6.1650, 29.3839



31.8850, -15.7193, 1.8549



32.5370, 15.5113, -28.5349

Complementary

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



32.4950, 6.1650, 29.3839



46.5050, -6.1650, -29.3839

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.



30.9580, 6.9227, -27.1502



32.4950, 6.1650, 29.3839



27.0570, -13.3391, -14.9590

Square

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



32.4950, 6.1650, 29.3839



33.1580, -16.3469, 16.5244



27.9770, -1.9607, -24.5358



32.0300, 21.1842, -28.0903

Rectangle

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



32.4950, 6.1650, 29.3839



31.2230, -11.4489, 32.2534



27.9770, -1.9607, -24.5358



31.8530, 12.8905, -27.9351

Sweetspot

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



32.4950, 6.1650, 29.3839



73.6470, 2.1460, 11.7106



25.0220, 20.2022, 6.9967



35.3860, 1.2887, 6.6775



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



32.4950, 6.1650, 29.3839



33.9300, 9.8945, 46.5424



29.5310, -5.1918, 31.9833



31.1250, 0.4314, 1.6444



35.7290, 11.4726, 53.7347



82.3660, 25.9486, 124.2130

Inverse Universe

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



32.4950, 6.1650, 29.3839



33.9300, 9.8945, 46.5424



49.4690, 5.1918, -31.9833



31.1250, 0.4314, 1.6444



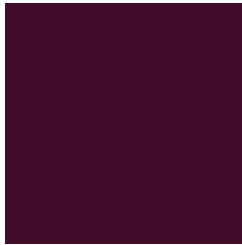
35.7290, 11.4726, 53.7347



82.3660, 25.9486, 124.2130

Previews

White Background



This preview shows how the YUV color 32.4950, 6.1650, 29.3839 looks on a white background.

Color Contrast Check

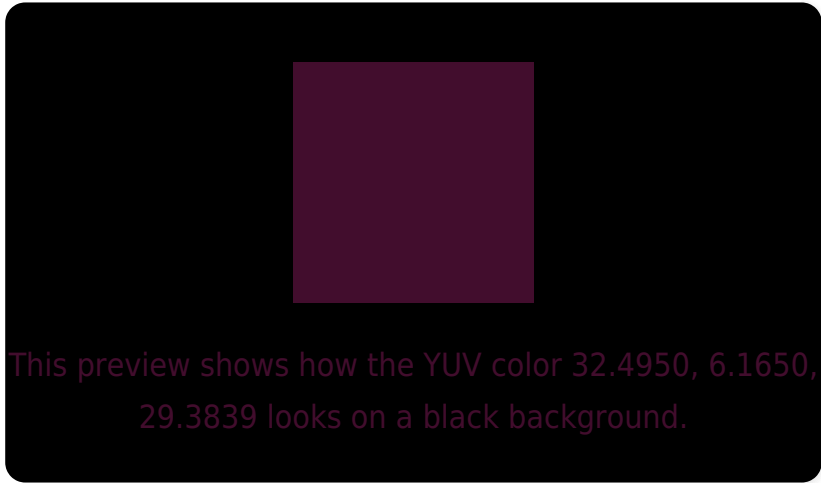
Large Text (above 18pt) WCAG AA ✓ Pass

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

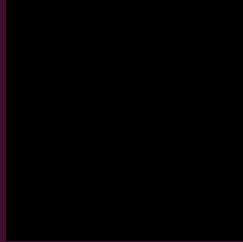
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.4950, 6.1650, 29.3839

Background



This preview shows how black text looks on a background with the YUV color 32.4950, 6.1650, 29.3839.



This preview shows how white text looks on a background with the YUV color 32.4950, 6.1650,

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

32.4950, 6.1650, 29.3839

Protanopia

35.8600, 12.3940, -8.6472

Deuteranopia

36.9830, 2.4734, 0.0149



Tritanopia

33.9710, -5.9017, 26.3354

Trichromacy



Original Color

32.4950, 6.1650, 29.3839

Protanomaly

34.9650, 9.8773, 5.2927

Deuteranomaly

35.6900, 3.6038, 10.7959

Tritanomaly

33.4210, -1.6866, 27.6948

Monochromacy



Original Color

32.4950, 6.1650, 29.3839

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.4950, 6.1650, 29.3839 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(66, 13, 45)` looks like.

```
.text, #text, p{  
    color:rgb(66, 13, 45)  
}
```

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(66, 13, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 13, 45) }
```

Border

The CSS property to change the border of an element to YUV 32.4950, 6.1650, 29.3839 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(66, 13, 45) }
```


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

```
.border{ border-color:rgb(66, 13, 45) }
```

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

Here you see how a box with a 4 pixel rgb(66, 13, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 13, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 13, 45);  
box-shadow:4px 4px 4px 4px rgb(66, 13, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.4950, 6.1650, 29.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 13, 45) }
```

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

```
.background{ background-color: rgb(66, 13,  
45) }
```

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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