

Converting Colors

YUV(32.5950, 17.9477, 30.1732)

Have a look what the booklet for
YUV(32.5950, 17.9477, 30.1732)
contains.

YUV(32.5950, 17.9477, 30.1732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(32.5950, 17.9477,
30.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	430845
RGB	67, 8, 69
RGB Percent	26%, 3%, 27%
CMY	0.7373, 0.9686, 0.7294
CMYK	0.03, 0.88, 0.00, 0.73
HSL	298°, 79%, 15%
HSV	298°, 88%, 27%
XYZ	3.4757, 1.7966, 5.7938
YIQ	32.5950, 15.5830, 31.4790

Conversions

Conversions Part 2

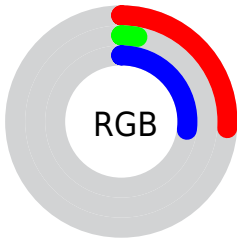
Format	Color
RYB	67, 8, 69
Decimal	4393029
CIELab	14.38, 35.01, -22.84
CIElCh	14, 41.800, 326.873
Yxy	1.7966, 0.3141, 0.1624
Android (android.graphics.Color)	4282583109 (0xFF430845)
YUV	32.5950, 17.9477, 30.1732
Hunter-Lab	13.4038, 22.8301, -16.2454

Details

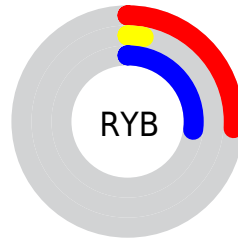
The YUV color **32.5950, 17.9477, 30.1732** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **44.4050, -17.9477, -30.1732**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7800, 17.3635, 30.8879**, and **6.7370, 9.0037, 5.4927** is the 20% darker color. If you saturate the color by 10%, you get **28.4860, 19.9734, 33.7768**, and if you desaturate by 10%, it is **36.7040, 15.9219, 26.5696**.

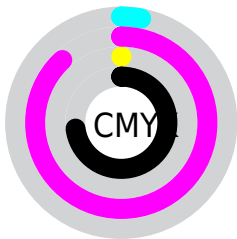
Distribution



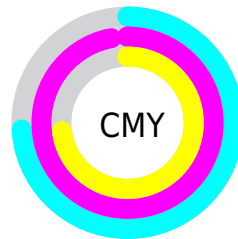
- Red (26%)
- Green (3%)
- Blue (27%)



- Red (26%)
- Yellow (3%)
- Blue (27%)



- Cyan (3%)
- Magenta (88%)
- Yellow (0%)
- Black (73%)



- Cyan (74%)
- Magenta (97%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.5950, 17.9477, 30.1732 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 32.5950, 17.9477, 30.1732 by changing the saturation by 10% instead.

■ 32.5950, 17.9477,
30.1732

■ 32.5950, 17.9477,
30.1732

■ 249.1300, 2.8939,
5.1480

■ 18.4000, 13.6068,
22.4512

■ 82.7800, 17.3635,
30.8879

■ 6.7370, 9.0037,
5.4927

■ 108.0790, 17.2161,
31.5027

■ 0.0000, 0.0000,
0.0000


■ 133.9050, 17.7948,
32.5323


■ 160.6170, 17.9368,
33.6619


■ 188.0300, 18.2262,
34.1767


■ 215.5570, 18.9524,


34.5915


 232.1070, 11.2862,
20.0772


 32.5950, 17.9477,
30.1732


 32.5950, 17.9477,
30.1732

 28.4860, 19.9734,
33.7768


 36.7040, 15.9219,
26.5696

 27.8990, 20.2628,
34.2916

 40.8130, 13.8962,
22.9660

 45.2210, 11.7230,
19.9772

 49.3300, 9.6973,
16.3736

 53.4390, 7.6716,
12.7700

■ 56.9610, 5.9352,
9.6812

■ 61.3690, 3.7621,
6.6924

■ 65.4780, 1.7363,
3.0888

■ 69.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



33.5510, 27.8294, -12.7612



32.5950, 17.9477, 30.1732



29.7900, 5.5265, 47.5422

Triad

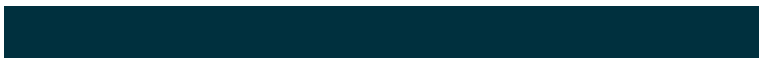
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.5950, 17.9477, 30.1732



34.6090, -17.0622, 12.6209



35.2440, 13.1907, -30.9090

Complementary

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



32.5950, 17.9477, 30.1732



44.4050, -17.9477, -30.1732

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.



31.8240, 0.0868, -27.9096



32.5950, 17.9477, 30.1732



30.6340, -15.1026, -9.3260

Square

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



32.5950, 17.9477, 30.1732



32.6700, -16.1063, 32.7384



27.0020, -13.3120, -23.6808



37.3930, 23.9633, -32.7937

Rectangle

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



32.5950, 17.9477, 30.1732



27.9230, -2.9200, 50.0565



27.0020, -13.3120, -23.6808



34.2180, 9.2595, -30.0092

Sweetspot

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



32.5950, 17.9477, 30.1732



74.6130, 7.0928, 11.7404



16.1280, 26.0659, -7.1283



36.8960, 4.4883, 7.1072



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



32.5950, 17.9477, 30.1732



35.8600, 26.1980, 43.9728



30.0010, 5.4225, 34.2021



33.6520, 1.1576, 2.0592



39.9900, 29.0919, 49.1208



91.6580, 66.7236, 112.5559

Inverse Universe

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



26.4670, -8.1182, 37.3014



26.9530, -11.8088, 54.4152



46.9990, -5.4225, -34.2021



33.1960, -0.5896, 2.4591



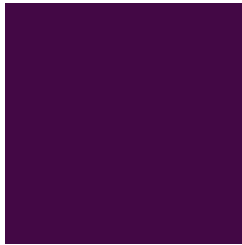
29.9430, -13.2829, 60.5630



68.6710, -30.4038, 138.8545

Previews

White Background



This preview shows how the YUV color 32.5950, 17.9477, 30.1732 looks on a white background.

Color Contrast Check

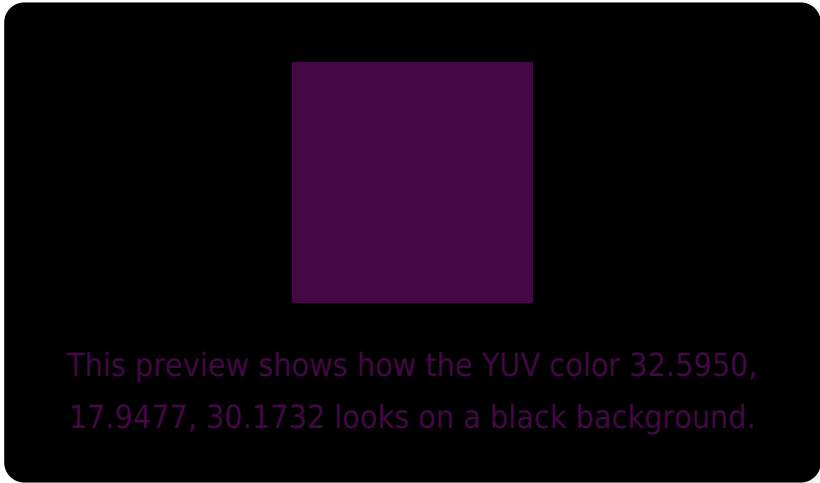
Large Text (above 18pt) WCAG AA ✓ Pass

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

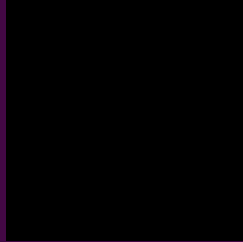
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.5950, 17.9477, 30.1732

Background



This preview shows how black text looks on a background with the YUV color 32.5950, 17.9477, 30.1732.



This preview shows how white text looks on a background with the YUV color 32.5950, 17.9477,

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

32.5950, 17.9477, 30.1732

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

36.8810, 13.8627, -13.0506



Tritanopia

38.6930, -4.2856, 21.3172

Trichromacy



Original Color

32.5950, 17.9477, 30.1732

Protanomaly

31.6890, 21.8453, -6.7433

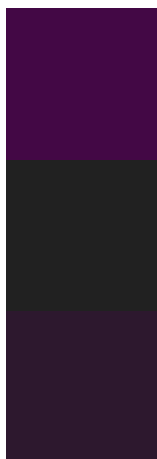
Deuteranomaly

35.3220, 15.1243, 2.3486

Tritanomaly

36.4790, 3.7079, 24.1359

Monochromacy



Original Color

32.5950, 17.9477, 30.1732

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.7870, 6.5140, 10.7108

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.5950, 17.9477, 30.1732 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(67, 8, 69)` looks like.

```
.text, #text, p{  
    color:rgb(67, 8, 69)  
}
```

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(67, 8, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 8, 69) }
```

Border

The CSS property to change the border of an element to YUV 32.5950, 17.9477, 30.1732 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(67, 8, 69) }
```


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

```
.border{ border-color:rgb(67, 8, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 8, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 8, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 8, 69); box-shadow:4px  
4px 4px 4px rgb(67, 8, 69) }
```

Background

The CSS property to change the background color of an element to YUV 32.5950, 17.9477, 30.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 8, 69) }
```

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

```
.background{ background-color: rgb(67, 8,  
69) }
```

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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