

Converting Colors

YUV(32.7420, 44.9902,
-10.2977)

Have a look what the booklet for
YUV(32.7420, 44.9902, -10.2977)
contains.

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Color

**YUV(32.7420, 44.9902,
-10.2977)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 15157C |
| RGB | 21, 21, 124 |
| RGB Percent | 8%, 8%, 49% |
| CMY | 0.9176, 0.9176, 0.5137 |
| CMYK | 0.83, 0.83, 0.00, 0.51 |
| HSL | 240°, 71%, 28% |
| HSV | 240°, 83%, 49% |
| XYZ | 4.2155, 2.1510, 19.2618 |
| YIQ | 32.7420, -33.0630, 32.0330 |

Conversions

Conversions Part 2

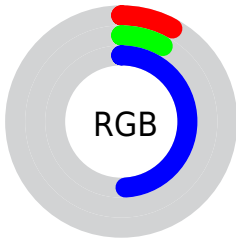
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 21, 21, 124 |
| Decimal | 1381756 |
| CIE _{Lab} | 16.26, 37.93, -56.65 |
| CIE _{LCh} | 16, 68.178, 303.806 |
| Yxy | 2.1510, 0.1645, 0.0839 |
| Android (android.graphics.Color) | 4279571836 (0xFF15157C) |
| YUV | 32.7420, 44.9902, -10.2977 |
| Hunter-Lab | 14.6663, 25.6401, -67.6014 |

Details

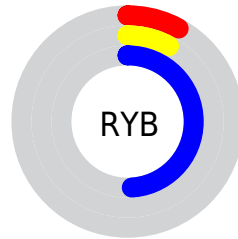
The YUV color **32.7420, 44.9902, -10.2977** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **112.2580, -44.9902, 10.2977**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.0470, 45.8258, 1.7128**, and **8.4360, 32.3231, -7.3984** is the 20% darker color. If you saturate the color by 10%, you get **22.1100, 50.2318, -11.4975**, and if you desaturate by 10%, it is **43.3740, 39.7486, -9.0980**.

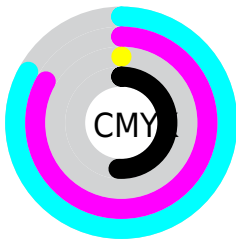
Distribution



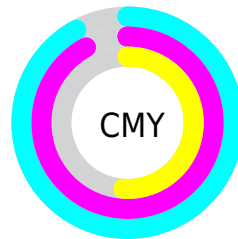
- Red (8%)
- Green (8%)
- Blue (49%)



- Red (8%)
- Yellow (8%)
- Blue (49%)



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (51%)



- Cyan (92%)
- Magenta (92%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.7420, 44.9902, -10.2977 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 32.7420, 44.9902, -10.2977 by changing the saturation by 10% instead.

■ 32.7420, 44.9902,
-10.2977

■ 32.7420, 44.9902,
-10.2977

■ 253.2390, 0.8682,
1.5444

■ 11.7590, 42.5168,
-10.3126

■ 85.0470, 45.8258,
1.7128

■ 8.4360, 32.3231,
-7.3984

■ 110.6990, 46.9834,
3.7720

■ 8.0480, 20.6823,
-7.0581

■ 136.9380, 47.8516,
5.3164

■ 4.3660, 11.6516,
-3.8290

■ 163.2650, 45.2254,
7.6606


■ 0.0000, 0.0000,
0.0000


■ 187.7850, 33.1370,
11.5896


■ 212.3050, 21.0486,


15.5185


 236.8030, 8.9711,
15.9588


 32.7420, 44.9902,
-10.2977


 32.7420, 44.9902,
-10.2977


 22.1100, 50.2318,
-11.4975


 43.3740, 39.7486,
-9.0980

 14.1360, 54.1630,
-12.3973

 54.8920, 34.0702,
-7.7983

 65.5240, 28.8287,
-6.5985

 77.0420, 23.1503,
-5.2988

 87.6740, 17.9087,
-4.0991

■ 98.3060, 12.6671,
-2.8994

■ 109.8240, 6.9888,
-1.5996

■ 120.4560, 1.7472,
-0.3999

■ 131.9740, -3.9312,
0.8998

Harmonies

Analogous

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



44.3640, 48.1345, -38.9072



32.7420, 44.9902, -10.2977



38.8780, 22.2451, 51.8500

Triad

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



32.7420, 44.9902, -10.2977



33.6220, -16.5756, 43.3045



38.7030, 3.5974, -33.9425

Complementary

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



32.7420, 44.9902, -10.2977



112.2580, -44.9902, 10.2977

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.



32.2850, -15.9165, -28.3139



32.7420, 44.9902, -10.2977



37.8210, -18.6458, 7.1730

Square

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



32.7420, 44.9902, -10.2977



32.5910, -16.0674, 67.0107



29.9370, -14.7589, -26.2547



44.8760, 24.7111, -39.3563

Rectangle

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



32.7420, 44.9902, -10.2977



40.1280, 6.3459, 64.7857



29.9370, -14.7589, -26.2547



36.6510, -4.2649, -32.1429

Sweetspot

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



32.7420, 44.9902, -10.2977



124.6740, 17.9087, -4.0991



93.2030, 15.1829, -63.3220



59.8500, 10.9200, -2.4994



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



32.7420, 44.9902, -10.2977



18.3540, 70.3245, -16.0965



48.2900, 37.3250, 21.6707



55.6840, 2.6208, -0.5999



14.2500, 54.5998, -12.4972



28.7280, 110.0731, -25.1945

Inverse Universe

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



63.5390, 29.8073, 53.0243



66.4930, 46.5920, 82.8826



97.0090, -37.4724, -21.0559



57.4780, 1.7363, 3.0888



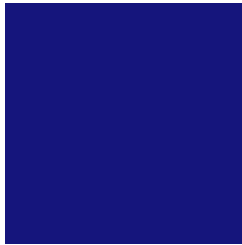
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 32.7420, 44.9902, -10.2977 looks on a white background.

Color Contrast Check

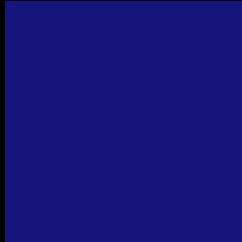
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 32.7420, 44.9902, -10.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

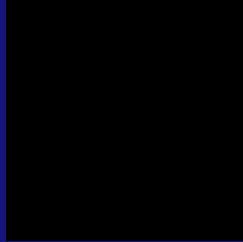
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.7420, 44.9902, -10.2977

Background



This preview shows how black text looks on a background with the YUV color 32.7420, 44.9902, -10.2977.



This preview shows how white text looks on a background with the YUV color 32.7420, 44.9902,

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

32.7420, 44.9902, -10.2977

Protanopia

33.0560, 25.1154, -28.9901

Deuteranopia

33.4490, 19.0056, -29.3348



Tritanopia

32.5880, 8.0911, -28.5797

Trichromacy



Original Color

32.7420, 44.9902, -10.2977

Protanomaly

33.0490, 32.5138, -21.9680

Deuteranomaly

33.3110, 28.4407, -22.1977

Tritanomaly

32.7750, 21.3099, -21.7277

Monochromacy



Original Color

32.7420, 44.9902, -10.2977

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.2180, 16.1615, -3.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.7420, 44.9902, -10.2977 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(21, 21, 124)` looks like.

```
.text, #text, p{  
    color:rgb(21, 21, 124)  
}
```

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(21, 21, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 21, 124) }
```

Border

The CSS property to change the border of an element to YUV 32.7420, 44.9902, -10.2977 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(21, 21, 124) }
```


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

```
.border{ border-color:rgb(21, 21, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 21, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 21, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 21, 124);  
box-shadow:4px 4px 4px 4px rgb(21, 21,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 32.7420, 44.9902, -10.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 21, 124) }
```

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

```
.background{ background-color: rgb(21, 21,  
124) }
```

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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