

Converting Colors

YUV(32.1220, 31.9849, 7.7860)

Have a look what the booklet for
YUV(32.1220, 31.9849, 7.7860)
contains.

YUV(32.1220, 31.9849, 7.7860)	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(32.1220, 31.9849,
7.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	290F61
RGB	41, 15, 97
RGB Percent	16%, 6%, 38%
CMY	0.8392, 0.9412, 0.6196
CMYK	0.58, 0.85, 0.00, 0.62
HSL	259°, 73%, 22%
HSV	259°, 85%, 38%
XYZ	3.2429, 1.6761, 11.4619
YIQ	32.1220, -10.8260, 31.0140

Conversions

Conversions Part 2

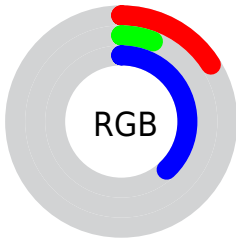
Format	Color
R_{YB}	41, 15, 97
Decimal	2690913
CIE _{Lab}	13.69, 34.21, -43.25
CIE _{LCh}	14, 55.145, 308.344
Yxy	1.6761, 0.1980, 0.1023
Android (android.graphics.Color)	4280880993 (0xFF290F61)
YUV	32.1220, 31.9849, 7.7860
Hunter-Lab	12.9466, 22.0555, -43.4281

Details

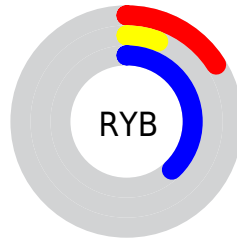
The YUV color **32.1220, 31.9849, 7.7860** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **79.8780, -31.9849, -7.7860**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8990, 33.5738, 11.4896**, and **5.5860, 21.4031, -4.8989** is the 20% darker color. If you saturate the color by 10%, you get **24.1590, 35.9106, 8.6306**, and if you desaturate by 10%, it is **40.0850, 28.0591, 6.9415**.

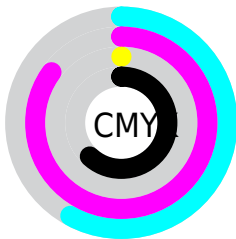
Distribution



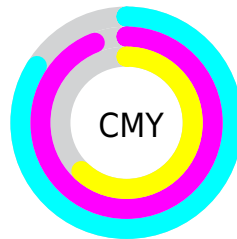
- Red (16%)
- Green (6%)
- Blue (38%)



- Red (16%)
- Yellow (6%)
- Blue (38%)



- Cyan (58%)
- Magenta (85%)
- Yellow (0%)
- Black (62%)



- Cyan (84%)
- Magenta (94%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.1220, 31.9849, 7.7860 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 32.1220, 31.9849, 7.7860 by changing the saturation by 10% instead.

■ 32.1220, 31.9849,
7.7860

■ 32.1220, 31.9849,
7.7860

■ 249.7170, 2.6045,
4.6332

■ 12.2090, 29.9700,
0.6937

■ 80.8990, 33.5738,
11.4896

■ 5.5860, 21.4031,
-4.8989

■ 105.8390, 34.5894,
12.4192

■ 3.6650, 11.5042,
-3.2142

■ 131.6650, 35.1682,
13.4488

■ 0.0000, 0.0000,
0.0000

■ 158.6050, 36.1837,
14.3784

■ 184.8610, 34.5785,
15.9079

■ 209.3810, 22.4902,

19.8369

■ 232.6940, 10.9969,
19.5624

■ 32.1220, 31.9849,
7.7860

■ 32.1220, 31.9849,
7.7860

■ 24.1590, 35.9106,
8.6306

■ 40.0850, 28.0591,
6.9415

■ 20.3270, 37.7998,
9.3602

■ 47.1620, 24.5701,
5.9969

■ 55.1250, 20.6444,
5.1524

■ 62.7890, 16.8660,
3.6930

■ 70.7520, 12.9403,
2.8485

■ 78.1280, 9.3039,
2.5187

■ 85.7920, 5.5255,
1.0594

■ 93.7550, 1.5998,
0.2149

■ 101.1310, -2.0366,
-0.1149

Harmonies

Analogous

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



35.3020, 38.7981, -30.9599



32.1220, 31.9849, 7.7860



32.7110, 15.4255, 45.8575

Triad

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



32.1220, 31.9849, 7.7860



32.0610, -15.8061, 29.7645



34.4800, 5.1864, -30.2390

Complementary

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



32.1220, 31.9849, 7.7860



79.8780, -31.9849, -7.7860

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.



28.1760, -13.8908, -24.7104



32.1220, 31.9849, 7.7860



32.1840, -15.8667, 2.4696

Square

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



32.1220, 31.9849, 7.7860



26.3120, -12.9718, 54.1004



25.8280, -12.7332, -22.6512



38.2250, 22.0741, -33.5233

Rectangle

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



32.1220, 31.9849, 7.7860



32.8510, 3.0315, 54.5047



25.8280, -12.7332, -22.6512



32.4110, -0.2026, -28.4244

Sweetspot

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



32.1220, 31.9849, 7.7860



100.5240, 12.0667, 3.0485



57.2200, 19.6115, -37.0269



48.9600, 7.4147, 1.7891



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



32.1220, 31.9849, 7.7860



26.2100, 48.7035, 12.0938



44.3810, 25.9412, 32.9919



44.7550, 1.5998, 0.2149



23.5320, 43.6147, 10.9344



50.0840, 93.6286, 22.7283

Inverse Universe

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



45.9020, 12.3733, 44.8129



47.0650, 18.7020, 68.3490



67.6190, -25.9412, -32.9919



45.5380, 0.7208, 2.1592



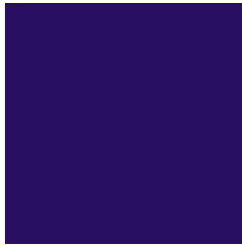
42.2660, 17.1239, 61.1567



90.4560, 36.2572, 131.1501

Previews

White Background



This preview shows how the YUV color 32.1220, 31.9849, 7.7860 looks on a white background.

Color Contrast Check

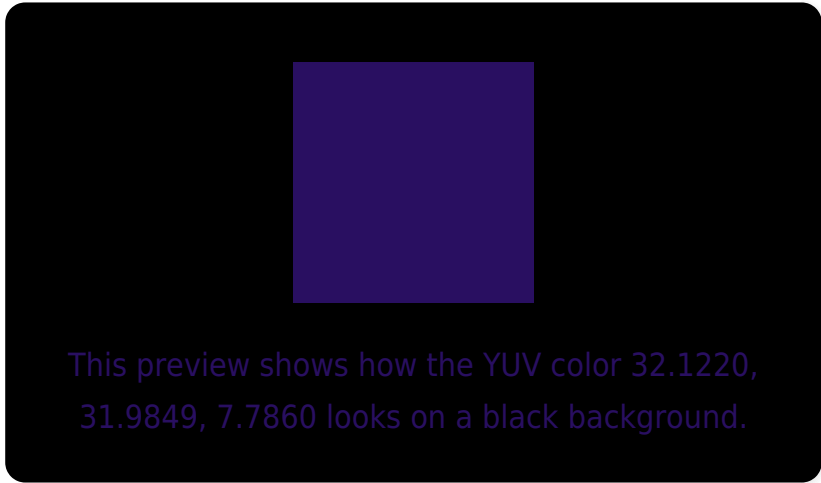
Large Text (above 18pt) WCAG AA ✓ Pass

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

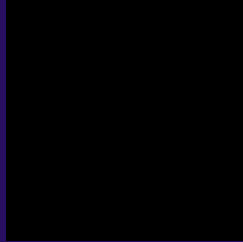
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.1220, 31.9849, 7.7860

Background



This preview shows how black text looks on a background with the YUV color 32.1220, 31.9849, 7.7860.



This preview shows how white text looks on a background with the YUV color 32.1220, 31.9849,

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

32.1220, 31.9849, 7.7860

Protanopia

28.9810, 22.1944, -25.4163

Deuteranopia

29.4880, 16.5214, -25.8610



Tritanopia

34.0630, 4.4059, -13.2103

Trichromacy



Original Color

32.1220, 31.9849, 7.7860

Protanomaly

30.2690, 25.5034, -13.3909

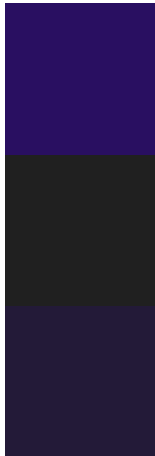
Deuteranomaly

30.6450, 21.8670, -13.7207

Tritanomaly

33.4520, 14.5672, -5.6584

Monochromacy



Original Color

32.1220, 31.9849, 7.7860

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.1110, 11.7773, 2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.1220, 31.9849, 7.7860 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(41, 15, 97)` looks like.

```
.text, #text, p{  
    color:rgb(41, 15, 97)  
}
```

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(41, 15, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 15, 97) }
```

Border

The CSS property to change the border of an element to YUV 32.1220, 31.9849, 7.7860 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(41, 15, 97) }
```


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

```
.border{ border-color:rgb(41, 15, 97) }
```

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

Here you see how a box with a 4 pixel rgb(41, 15, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 15, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 15, 97);  
box-shadow:4px 4px 4px 4px rgb(41, 15, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.1220, 31.9849, 7.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 15, 97) }
```

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

```
.background{ background-color: rgb(41, 15,  
97) }
```

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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