

Converting Colors

YUV(32.2120, 12.2205, 47.1721)

Have a look what the booklet for
YUV(32.2120, 12.2205, 47.1721)
contains.

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Color

**YUV(32.2120, 12.2205,
47.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	560039
RGB	86, 0, 57
RGB Percent	34%, 0%, 22%
CMY	0.6627, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.34, 0.66
HSL	320°, 100%, 17%
HSV	320°, 100%, 34%
XYZ	4.5763, 2.2738, 4.0686
YIQ	32.2120, 32.9590, 35.9590

Conversions

Conversions Part 2

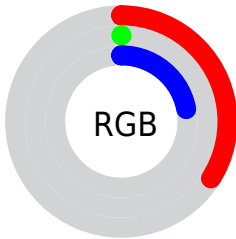
Format	Color
R_YB	86, 0, 57
Decimal	5636153
CIE _{Lab}	16.86, 40.25, -10.20
CIE _{LCh}	17, 41.519, 345.774
Yxy	2.2738, 0.4191, 0.2083
Android (android.graphics.Color)	4283826233 (0xFF560039)
YUV	32.2120, 12.2205, 47.1721
Hunter-Lab	15.0793, 27.7827, -5.4418

Details

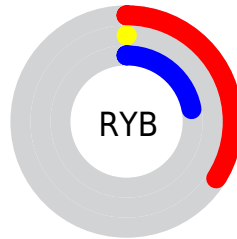
The YUV color **32.2120, 12.2205, 47.1721** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **53.7880, -12.2205, -47.1721**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.8760, 8.4421, 45.7127**, and **12.8440, 0.0769, 22.0618** is the 20% darker color. If you saturate the color by 10%, you get **32.2120, 12.2205, 47.1721**, and if you desaturate by 10%, it is **37.8370, 10.9264, 42.2390**.

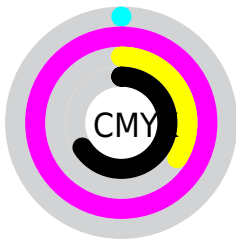
Distribution



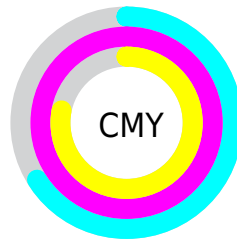
- Red (34%)
- Green (0%)
- Blue (22%)



- Red (34%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (66%)





- Cyan (66%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.2120, 12.2205, 47.1721 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 32.2120, 12.2205, 47.1721 by changing the saturation by 10% instead.

 32.2120, 12.2205,
47.1721

 32.2120, 12.2205,
47.1721

 250.3040, 2.3151,
4.1184


 21.9300, 6.4435,
33.3874


 86.8760, 8.4421,
45.7127


 12.8440, 0.0769,
22.0618

 113.3600, 7.7105,
47.0423

 0.0000, 0.0000,
0.0000


 139.3710, 7.7051,
48.7866


 166.9690, 7.4103,
50.0162


 194.6810, 7.5523,
51.1458

 214.3200, 11.6742,

35.6764


 233.2810, 10.7075,
19.0476


 32.2120, 12.2205,
47.1721

 37.8370, 10.9264,
42.2390

 42.8750, 9.9216,
37.8206

 48.5000, 8.6275,
32.8875

 53.5380, 7.6228,
28.4692

 59.1630, 6.3286,
23.5360

■ 64.6740, 4.5977,
18.7029

■ 69.7120, 3.5930,
14.2846

■ 75.3370, 2.2989,
9.3515

■ 80.3750, 1.2941,
4.9331

Harmonies

Analogous

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



41.9030, 20.7538, 16.7481



32.2120, 12.2205, 47.1721



30.7000, -1.3311, 53.7601

Triad

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



32.2120, 12.2205, 47.1721



37.7770, -18.6241, 0.1956



40.6870, 21.3533, -35.6825

Complementary

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



32.2120, 12.2205, 47.1721



53.7880, -12.2205, -47.1721

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.



38.1960, 9.2704, -33.4979



32.2120, 12.2205, 47.1721



29.3500, -14.4695, -25.7399

Square

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



32.2120, 12.2205, 47.1721



39.6810, -19.5627, 21.3278



34.0750, -3.9810, -29.8838



40.1630, 29.4996, -35.2230

Rectangle

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



32.2120, 12.2205, 47.1721



32.3390, -13.9711, 47.9377



34.0750, -3.9810, -29.8838



40.3620, 17.5695, -35.3975

Sweetspot

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



32.2120, 12.2205, 47.1721



91.3750, 4.7451, 18.0881



18.4750, 33.2898, 9.2304



43.4620, 2.7302, 10.9958



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



32.2120, 12.2205, 47.1721



41.9240, 15.8135, 61.4567



27.3100, -6.5618, 51.4711



40.5380, 0.7208, 2.1592



40.0870, 15.2401, 58.6827



87.9350, 33.0630, 128.9760

Inverse Universe

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



32.2120, 12.2205, 47.1721



41.9240, 15.8135, 61.4567



58.6900, 6.5618, -51.4711



40.5380, 0.7208, 2.1592



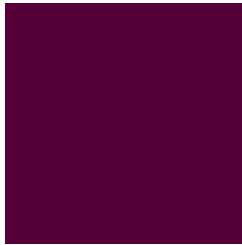
40.0870, 15.2401, 58.6827



87.9350, 33.0630, 128.9760

Previews

White Background



This preview shows how the YUV color 32.2120, 12.2205, 47.1721 looks on a white background.

Color Contrast Check

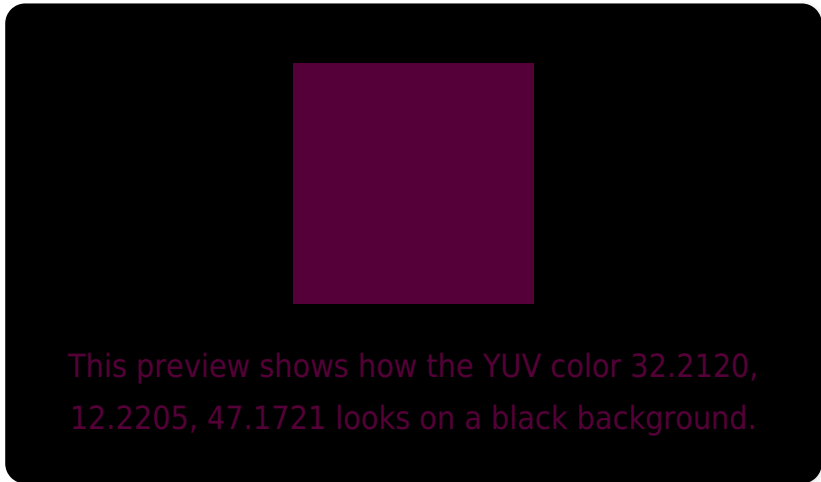
Large Text (above 18pt) WCAG AA ✓ Pass

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

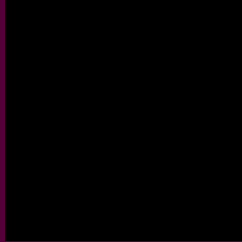
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.2120, 12.2205, 47.1721

Background



This preview shows how black text looks on a background with the YUV color 32.2120, 12.2205, 47.1721.



This preview shows how white text looks on a background with the YUV color 32.2120, 12.2205,

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

32.2120, 12.2205, 47.1721

Protanopia

44.3200, 18.0832, -13.4356

Deuteranopia

46.5100, 3.1996, 0.4297



Tritanopia

41.2390, -8.9918, 37.5014

Trichromacy



Original Color

32.2120, 12.2205, 47.1721

Protanomaly

40.1810, 15.6868, 8.6113

Deuteranomaly

41.4180, 6.2029, 17.1734

Tritanomaly

38.2100, -1.5825, 41.0348

Monochromacy



Original Color

32.2120, 12.2205, 47.1721

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9620, 4.4557, 17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.2120, 12.2205, 47.1721 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(86, 0, 57)` looks like.

```
.text, #text, p{  
    color:rgb(86, 0, 57)  
}
```

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(86, 0, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 0, 57) }
```

Border

The CSS property to change the border of an element to YUV 32.2120, 12.2205, 47.1721 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(86, 0, 57) }
```


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

```
.border{ border-color:rgb(86, 0, 57) }
```

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

Here you see how a box with a 4 pixel rgb(86, 0, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 0, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 0, 57); box-shadow:4px  
4px 4px 4px rgb(86, 0, 57) }
```

Background

The CSS property to change the background color of an element to YUV 32.2120, 12.2205, 47.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 0, 57) }
```

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

```
.background{ background-color: rgb(86, 0,  
57) }
```

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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