

Converting Colors

YUV(34.7500, 6.0393, 23.0212)

Have a look what the booklet for
YUV(34.7500, 6.0393, 23.0212)
contains.

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Color

**YUV(34.7500, 6.0393,
23.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	3D132F
RGB	61, 19, 47
RGB Percent	24%, 7%, 18%
CMY	0.7608, 0.9255, 0.8157
CMYK	0.00, 0.69, 0.23, 0.76
HSL	320°, 53%, 16%
HSV	320°, 69%, 24%
XYZ	2.6704, 1.6631, 2.8696
YIQ	34.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

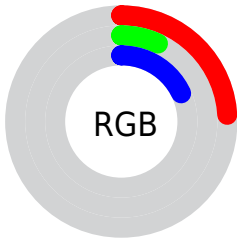
Format	Color
R_{YB}	61, 19, 47
Decimal	4002607
CIE _{Lab}	13.61, 24.38, -8.47
CIE _{LCh}	14, 25.805, 340.844
Yxy	1.6631, 0.3707, 0.2309
Android (android.graphics.Color)	4282192687 (0xFF3D132F)
YUV	34.7500, 6.0393, 23.0212
Hunter-Lab	12.8960, 14.3945, -4.1658

Details

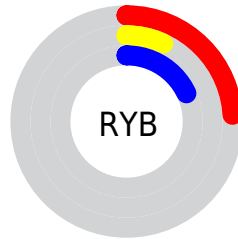
The YUV color **34.7500, 6.0393, 23.0212** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.2500, -6.0392, -23.0212**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.0600, 5.8864, 25.3804**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.0000, 6.9020, 26.3100**, and if you desaturate by 10%, it is **38.5000, 5.1765, 19.7325**.

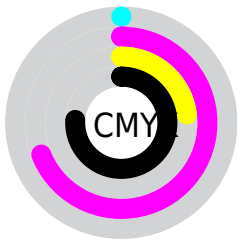
Distribution



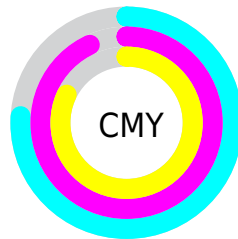
- Red (24%)
- Green (7%)
- Blue (18%)



- Red (24%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (69%)
- Yellow (23%)
- Black (76%)



- Cyan (76%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.7500, 6.0393, 23.0212 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 34.7500, 6.0393, 23.0212 by changing the saturation by 10% instead.

■ 34.7500, 6.0393,
23.0212

■ 34.7500, 6.0393,
23.0212

■ 252.0650, 1.4470,
2.5740

■ 14.6250, 5.6079,
21.3769

■ 81.0600, 5.8864,
25.3804

■ 0.0000, 0.0000,
0.0000

■ 105.7720, 6.0284,
26.5100

■ 131.3700, 5.7336,
27.7395

■ 157.7830, 6.0230,
28.2543

■ 185.0820, 5.8756,
28.8691

■ 212.7940, 6.0176,

29.9987

234.9280, 9.4025,
17.6031

34.7500, 6.0393,
23.0212

34.7500, 6.0393,
23.0212

31.0000, 6.9020,
26.3100

38.5000, 5.1765,
19.7325

27.2500, 7.7648,
29.5987

42.2500, 4.3137,
16.4438

23.5000, 8.6275,
32.8875

46.0000, 3.4510,
13.1550

22.9130, 8.9169,
33.4023

49.7500, 2.5882,
9.8662

53.5000, 1.7255,
6.5775

■ 57.8370, 0.5734,
2.7740

■ 61.5870, -0.2894,
-0.5148

■ 65.3370, -1.1521,
-3.8035

■ 69.0870, -2.0149,
-7.0923

Harmonies

Analogous

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



36.0730, 12.7820, 6.9520



34.7500, 6.0393, 23.0212



32.7310, -1.8394, 30.0539

Triad

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



34.7500, 6.0393, 23.0212



32.7930, -16.1669, 5.4435



31.8530, 12.8905, -27.9351

Complementary

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



34.7500, 6.0393, 23.0212



45.2500, -6.0392, -23.0212

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.



29.9150, 5.4649, -26.2355



34.7500, 6.0393, 23.0212



29.1610, -14.3764, -8.9112

Square

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



34.7500, 6.0393, 23.0212



33.1690, -16.3523, 18.2688



27.1620, -2.5449, -23.8211



31.3460, 18.5634, -27.4904

Rectangle

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



34.7500, 6.0393, 23.0212



32.8250, -7.8017, 29.0945



27.1620, -2.5449, -23.8211



31.2830, 10.7065, -27.4352

Sweetspot

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



34.7500, 6.0393, 23.0212



68.4510, 2.7357, 9.2515



27.9740, 16.2818, 4.4078



34.6740, 1.1467, 5.5479



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



34.7500, 6.0393, 23.0212



37.7500, 9.4902, 36.1763



32.3560, -3.1335, 25.1208



29.1250, 0.4314, 1.6444



35.2880, 13.6620, 51.4904



83.2500, 31.9217, 121.6838

Inverse Universe

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



34.7500, 6.0393, 23.0212



37.7500, 9.4902, 36.1763



47.6440, 3.1335, -25.1208



29.1250, 0.4314, 1.6444



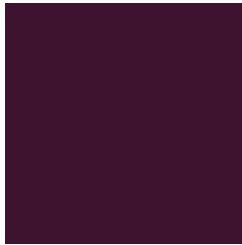
35.2880, 13.6620, 51.4904



83.2500, 31.9217, 121.6838

Previews

White Background



This preview shows how the YUV color 34.7500, 6.0393, 23.0212 looks on a white background.

Color Contrast Check

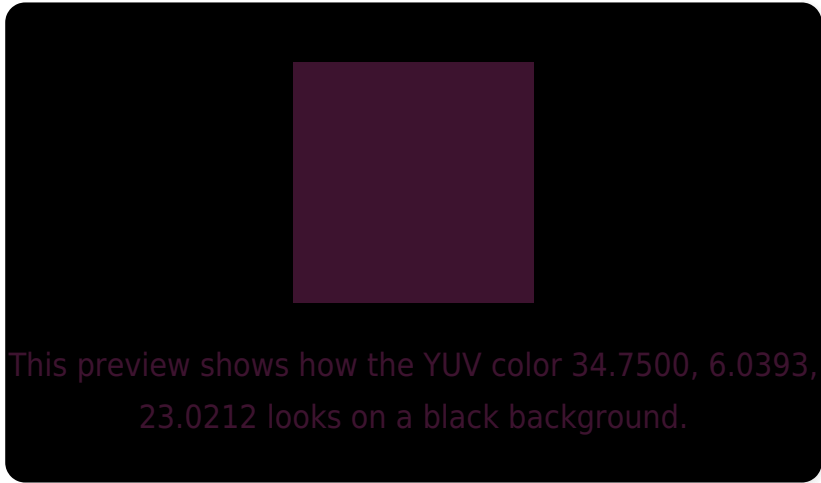
Large Text (above 18pt) WCAG AA ✓ Pass

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

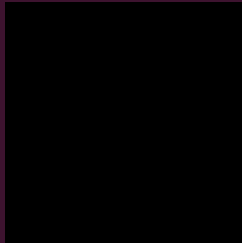
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.7500, 6.0393, 23.0212

Background



This preview shows how black text looks on a background with the YUV color 34.7500, 6.0393, 23.0212.



This preview shows how white text looks on a background with the YUV color 34.7500, 6.0393,

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

34.7500, 6.0393, 23.0212

Protanopia

35.1590, 12.2466, -8.0324

Deuteranopia

36.1400, 4.3680, -0.9998



Tritanopia

35.2800, -4.5750, 20.8024

Trichromacy



Original Color

34.7500, 6.0393, 23.0212

Protanomaly

34.9540, 9.8827, 3.5483

Deuteranomaly

35.4230, 5.2145, 7.5220

Tritanomaly

35.3170, -0.6493, 21.6470

Monochromacy



Original Color

34.7500, 6.0393, 23.0212

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.6250, 2.1569, 8.2219

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.7500, 6.0393, 23.0212 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(61, 19, 47)` looks like.

```
.text, #text, p{  
    color:rgb(61, 19, 47)  
}
```

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(61, 19, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 19, 47) }
```

Border

The CSS property to change the border of an element to YUV 34.7500, 6.0393, 23.0212 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(61, 19, 47) }
```


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

```
.border{ border-color:rgb(61, 19, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 19, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 19, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 19, 47);  
box-shadow:4px 4px 4px 4px rgb(61, 19, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.7500, 6.0393, 23.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 19, 47) }
```

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

```
.background{ background-color: rgb(61, 19,  
47) }
```

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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