

Converting Colors

YUV(40.1520, 23.0961, 12.1447)

Have a look what the booklet for
YUV(40.1520, 23.0961, 12.1447)
contains.

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Color

**YUV(40.1520, 23.0961,
12.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	361857
RGB	54, 24, 87
RGB Percent	21%, 9%, 34%
CMY	0.7882, 0.9059, 0.6588
CMYK	0.38, 0.72, 0.00, 0.66
HSL	269°, 57%, 22%
HSV	269°, 72%, 34%
XYZ	3.5683, 2.1257, 9.2390
YIQ	40.1520, -2.3430, 25.9530

Conversions

Conversions Part 2

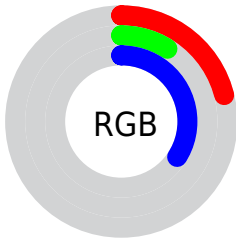
Format	Color
R_{YB}	54, 24, 87
Decimal	3545175
CIE _{Lab}	16.13, 28.91, -32.48
CIE _{LCh}	16, 43.489, 311.674
Yxy	2.1257, 0.2390, 0.1423
Android (android.graphics.Color)	4281735255 (0xFF361857)
YUV	40.1520, 23.0961, 12.1447
Hunter-Lab	14.5796, 18.1722, -27.3661

Details

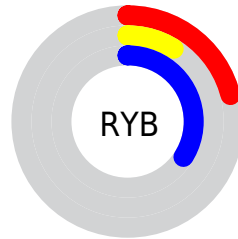
The YUV color **40.1520, 23.0961, 12.1447** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **70.8480, -23.0961, -12.1447**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.8040, 24.2536, 14.2039**, and **4.6740, 17.9087, -4.0991** is the 20% darker color. If you saturate the color by 10%, you get **33.3740, 26.4376, 13.7040**, and if you desaturate by 10%, it is **46.9300, 19.7545, 10.5854**.

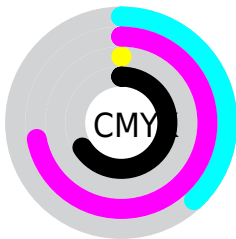
Distribution



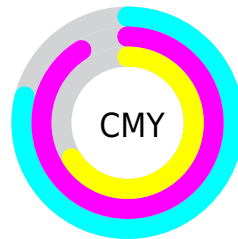
- Red (21%)
- Green (9%)
- Blue (34%)



- Red (21%)
- Yellow (9%)
- Blue (34%)



- Cyan (38%)
- Magenta (72%)
- Yellow (0%)
- Black (66%)



- Cyan (79%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.1520, 23.0961, 12.1447 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 40.1520, 23.0961, 12.1447 by changing the saturation by 10% instead.

40.1520, 23.0961,
12.1447

40.1520, 23.0961,
12.1447

255.0000, 0.0000,
0.0000

17.3260, 22.5173,
11.1151

87.8040, 24.2536,
14.2039

4.6740, 17.9087,
-4.0991

112.7440, 25.2692,
15.1335

2.7530, 8.0098,
-2.4144

138.5700, 25.8480,
16.1631

0.0000, 0.0000,
0.0000

165.0970, 26.5742,
16.5779

192.0370, 27.5898,
17.5076

217.9420, 18.2696,

20.2219

238.5640, 8.1029,
14.4144

40.1520, 23.0961,
12.1447

40.1520, 23.0961,
12.1447

33.3740, 26.4376,
13.7040

46.9300, 19.7545,
10.5854

27.4820, 29.3424,
15.3633

52.8220, 16.8498,
8.9261

22.1770, 31.9577,
16.5078

59.6000, 13.5082,
7.3668

66.0790, 10.3141,
5.1927

72.8570, 6.9725,
3.6334

■ 78.7490, 4.0677,
1.9741

■ 85.5270, 0.7262,
0.4148

■ 92.0060, -2.4680,
-1.7593

■ 98.1970, -5.5201,
-2.8038

Harmonies

Analogous

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



35.1080, 32.9778, -30.7897



40.1520, 23.0961, 12.1447



31.9560, 13.8257, 45.6426

Triad

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



40.1520, 23.0961, 12.1447



37.9310, -18.7000, 24.6165



37.0390, 7.3758, -32.4832

Complementary

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



40.1520, 23.0961, 12.1447



70.8480, -23.0961, -12.1447

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.



32.1030, -6.4598, -28.1543



40.1520, 23.0961, 12.1447



37.2010, -18.3401, 2.4547

Square

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



40.1520, 23.0961, 12.1447



31.2850, -15.4235, 47.1081



28.7630, -14.1802, -25.2252



39.7580, 20.3323, -34.8678

Rectangle

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



40.1520, 23.0961, 12.1447



31.7690, 4.0579, 51.9456



28.7630, -14.1802, -25.2252



35.1980, 2.8604, -30.8686

Sweetspot

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



40.1520, 23.0961, 12.1447



94.0250, 8.8617, 4.3631



51.1400, 17.6790, -23.8018



45.3900, 5.2307, 2.2890



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.



40.1520, 23.0961, 12.1447



39.8120, 35.5887, 18.5819



49.4210, 18.5264, 31.2028



40.0540, 1.4524, 0.8296



27.4470, 39.2196, 20.6560



60.2780, 86.1379, 45.3602

Inverse Universe

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



46.5990, 5.1277, 35.4317



49.8170, 7.9782, 54.5345



61.5790, -18.5264, -31.2028



40.4240, 0.2840, 2.2592



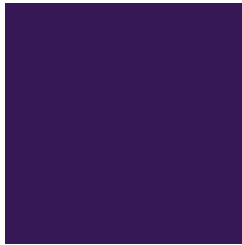
38.3770, 8.6881, 60.1824



84.2870, 19.0855, 132.1753

Previews

White Background



This preview shows how the YUV color 40.1520, 23.0961, 12.1447 looks on a white background.

Color Contrast Check

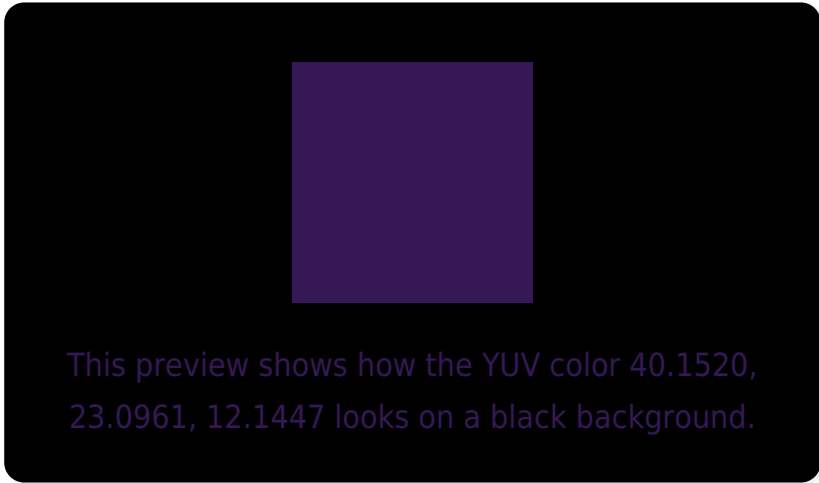
Large Text (above 18pt) WCAG AA ✓ Pass

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

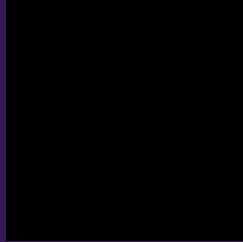
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.1520, 23.0961, 12.1447

Background



This preview shows how black text looks on a background with the YUV color 40.1520, 23.0961, 12.1447.



This preview shows how white text looks on a background with the YUV color 40.1520, 23.0961,

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

40.1520, 23.0961, 12.1447

Protanopia

33.0560, 25.1154, -28.9901

Deuteranopia

32.9760, 19.7318, -28.9200



Tritanopia

41.8370, 0.5734, 2.7740

Trichromacy



Original Color

40.1520, 23.0961, 12.1447

Protanomaly

35.6280, 24.3404, -13.7058

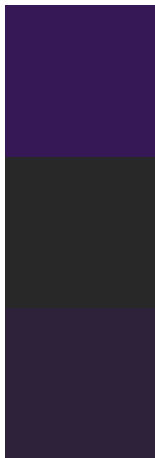
Deuteranomaly

35.4170, 20.9934, -13.5207

Tritanomaly

41.0360, 8.8563, 6.1074

Monochromacy



Original Color

40.1520, 23.0961, 12.1447

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9110, 8.4249, 4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1520, 23.0961, 12.1447 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(54, 24, 87)` looks like.

```
.text, #text, p{  
    color:rgb(54, 24, 87)  
}
```

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(54, 24, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 24, 87) }
```

Border

The CSS property to change the border of an element to YUV 40.1520, 23.0961, 12.1447 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(54, 24, 87) }
```


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

```
.border{ border-color:rgb(54, 24, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 24, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 24, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 24, 87);  
box-shadow:4px 4px 4px 4px rgb(54, 24, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.1520, 23.0961, 12.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 24, 87) }
```

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

```
.background{ background-color: rgb(54, 24,  
87) }
```

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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