

Converting Colors

YUV(120.6460, 41.0935,
73.1015)

Have a look what the booklet for
YUV(120.6460, 41.0935, 73.1015)
contains.

YUV(120.6460, 41.0935, 73.1015)	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(120.6460, 41.0935,
73.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3ECC
RGB	204, 62, 204
RGB Percent	80%, 24%, 80%
CMY	0.2000, 0.7569, 0.2000
CMYK	0.00, 0.70, 0.00, 0.20
HSL	300°, 58%, 52%
HSV	300°, 70%, 80%
XYZ	37.5235, 20.6423, 59.1334
YIQ	120.6460, 39.0500, 74.2660

Conversions

Conversions Part 2

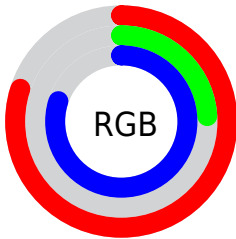
Format	Color
RYB	204, 62, 204
Decimal	13385420
CIELab	52.56, 71.30, -44.98
CIELCh	53, 84.298, 327.756
Yxy	20.6423, 0.3199, 0.1760
Android (android.graphics.Color)	4291575500 (0xFFCC3ECC)
YUV	120.6460, 41.0935, 73.1015
Hunter-Lab	45.4337, 67.9134, -45.3641

Details

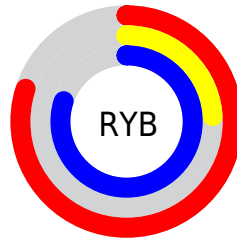
The YUV color **120.6460, 41.0935, 73.1015** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **145.3540, -41.0935, -73.1015**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9290, 38.4890, 68.4683**, and **60.6400, 43.5615, 74.8607** is the 20% darker color. If you saturate the color by 10%, you get **108.9060, 46.8813, 83.3974**, and if you desaturate by 10%, it is **132.3860, 35.3057, 62.8055**.

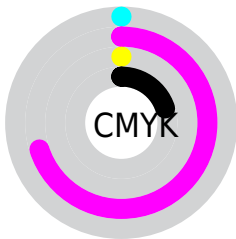
Distribution



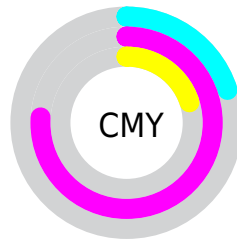
- Red (80%)
- Green (24%)
- Blue (80%)



- Red (80%)
- Yellow (24%)
- Blue (80%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (76%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.6460, 41.0935, 73.1015 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 120.6460, 41.0935, 73.1015 by changing the saturation by 10% instead.


 120.6460, 41.0935,
73.1015


 120.6460, 41.0935,
73.1015


255.0000, 0.0000,
0.0000


 86.4770, 44.1348,
77.6347


 176.9290, 38.4890,
68.4683


 60.6400, 43.5615,
74.8607


 193.3650, 30.3861,
54.0539


 49.3040, 36.3321,
60.2464


 210.3880, 21.9937,
39.1247

 37.9680, 29.1028,
45.6321

 227.9980, 13.3120,
23.6808

 27.1590, 22.5996,
31.4326

 245.0210, 4.9196,
8.7516

 16.0510, 16.2439,
16.6183

 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 120.6460, 41.0935,
73.1015

■ 120.6460, 41.0935,
73.1015

■ 108.9060, 46.8813,
83.3974

■ 132.3860, 35.3057,
62.8055

■ 96.5790, 52.9586,
94.2082

■ 144.7130, 29.2285,
51.9947

■ 84.8390, 58.7464,
104.5042

■ 156.4530, 23.4407,
41.6987

■ 84.2520, 59.0358,
105.0190

■ 168.7800, 17.3635,
30.8879

■ 180.5200, 11.5756,
20.5920

■ 192.2600, 5.7878,
10.2960

■ 204.5870, -0.2894,
-0.5148

■ 216.3270, -6.0772,
-10.8108

■ 228.6540,
-12.1544, -21.6216

Harmonies

Analogous

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



121.4690, 65.8308, -21.4593



120.6460, 41.0935, 73.1015



88.5310, 22.4162, 137.2233

Triad

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



120.6460, 41.0935, 73.1015



117.9700, -58.1592, 34.2293



112.8730, 39.0096, -98.9896

Complementary

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



120.6460, 41.0935, 73.1015



145.3540, -41.0935, -73.1015

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.



104.4370, 6.6866, -91.5912



120.6460, 41.0935, 73.1015



107.5950, -53.0443, -19.8158

Square

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



120.6460, 41.0935, 73.1015



114.7450, -56.5693, 84.4156



92.3820, -26.8103, -81.0190



117.0230, 65.0647, -102.6292

Rectangle

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



120.6460, 41.0935, 73.1015



85.2440, 0.8657, 142.7370



92.3820, -26.8103, -81.0190



110.7240, 28.2371, -97.1049

Sweetspot

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



120.6460, 41.0935, 73.1015



223.3020, 15.6271, 27.7991



78.1880, 62.0253, -14.1969



109.2160, 9.2605, 16.4736



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



120.6460, 41.0935, 73.1015



129.3820, 61.9297, 110.1670



112.5520, 10.0809, 80.1999



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Inverse Universe

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



120.6460, 41.0935, 73.1015



129.3820, 61.9297, 110.1670



153.4480, -10.0809, -80.1999



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 120.6460, 41.0935, 73.1015 looks on a white background.

Color Contrast Check

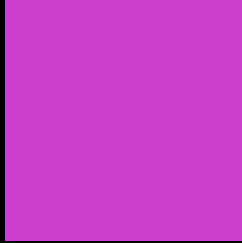
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.6460, 41.0935, 73.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

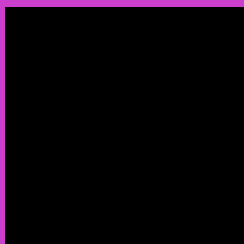
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6460, 41.0935, 73.1015

Background



This preview shows how black text looks on a background with the YUV color 120.6460, 41.0935, 73.1015.



This preview shows how white text looks on a background with the YUV color 120.6460, 41.0935,

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

120.6460, 41.0935, 73.1015

Protanopia

108.1700, 72.3872, -71.1861

Deuteranopia

123.2870, 34.8615, -28.3157



Tritanopia

125.5020, -11.0935, 58.3187

Trichromacy



Original Color

120.6460, 41.0935, 73.1015



Protanomaly

112.8130, 60.7312, -19.1300



Deuteranomaly

122.5010, 37.2210, 8.3306



Tritanomaly

123.8720, 7.9511, 63.2563

Monochromacy



Original Color

120.6460, 41.0935, 73.1015



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

121.0630, 14.7589, 26.2547

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6460, 41.0935, 73.1015 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(204, 62, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 62, 204)  
}
```

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(204, 62, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 62, 204) }
```

Border

The CSS property to change the border of an element to YUV 120.6460, 41.0935, 73.1015 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(204, 62, 204) }
```


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

```
.border{ border-color:rgb(204, 62, 204) }
```

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

Here you see how a box with a 4 pixel rgb(204, 62, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 62, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 62, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 62,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 120.6460, 41.0935, 73.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 62, 204) }
```

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

```
.background{ background-color: rgb(204, 62,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor