

Converting Colors

YUV(41.2090, 73.8470, 20.8647)

Have a look what the booklet for
YUV(41.2090, 73.8470, 20.8647)
contains.

YUV(41.2090, 73.8470, 20.8647)	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>	30

Color

**YUV(41.2090, 73.8470,
20.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	4100BF
RGB	65, 0, 191
RGB Percent	25%, 0%, 75%
CMY	0.7451, 1.0000, 0.2510
CMYK	0.66, 1.00, 0.00, 0.25
HSL	260°, 100%, 37%
HSV	260°, 100%, 75%
XYZ	11.5839, 4.8854, 49.6227
YIQ	41.2090, -22.5710, 73.1810

Conversions

Conversions Part 2

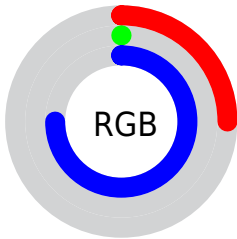
Format	Color
RYB	65, 0, 191
Decimal	4260031
CIELab	26.41, 65.12, -80.80
CIELCh	26, 103.771, 308.866
Yxy	4.8854, 0.1753, 0.0739
Android (android.graphics.Color)	4282450111 (0xFF4100BF)
YUV	41.2090, 73.8470, 20.8647
Hunter-Lab	22.1030, 54.8699, -117.6381

Details

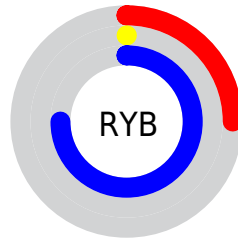
The YUV color **41.2090, 73.8470, 20.8647** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **149.7910, -73.8470, -20.8647**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2970, 70.3526, 21.6645**, and **15.5040, 59.4045, -13.5970** is the 20% darker color. If you saturate the color by 10%, you get **41.2090, 73.8470, 20.8647**, and if you desaturate by 10%, it is **56.2490, 66.4322, 19.0756**.

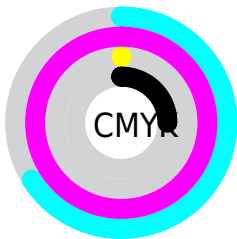
Distribution



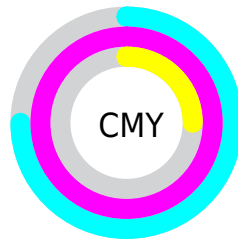
- Red (25%)
- Green (0%)
- Blue (75%)



- Red (25%)
- Yellow (0%)
- Blue (75%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2090, 73.8470, 20.8647 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 41.2090, 73.8470, 20.8647 by changing the saturation by 10% instead.

■ 41.2090, 73.8470,
20.8647

■ 41.2090, 73.8470,
20.8647

■ 255.0000, 0.0000,
0.0000

■ 23.0670, 68.9870,
-7.0748

■ 106.2970, 70.3526,
21.6645

■ 15.5040, 59.4045,
-13.5970

■ 131.8000, 60.7376,
25.6084

■ 12.4260, 47.6110,
-10.8976

■ 156.9180, 48.3544,
30.7669

■ 13.0980, 34.9547,
-11.4869

■ 182.0360, 35.9713,
35.9254

■ 10.3620, 24.4715,
-9.0875

■ 207.7410, 23.2987,
40.5691

■ 5.3920, 15.5827,
-4.7288


■ 225.0630, 14.7589,


■ 2.0690, 5.3890,


26.2547


-1.8145


 241.4990, 6.6560,
11.8404


 0.0000, 0.0000,
0.0000


 41.2090, 73.8470,
20.8647

 56.2490, 66.4322,
19.0756

 70.9900, 59.1649,
16.6718

 86.0300, 51.7502,
14.8827

 100.7710, 44.4829,
12.4788

 116.3980, 36.7788,
10.1750

■ 131.4380, 29.3641,
8.3859

■ 146.1790, 22.0968,
5.9820

■ 161.2190, 14.6820,
4.1929

■ 175.9600, 7.4147,
1.7891

Harmonies

Analogous

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



68.2560, 78.7538, -59.8605



41.2090, 73.8470, 20.8647



62.9440, 29.1146, 88.6261

Triad

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



41.2090, 73.8470, 20.8647



53.4900, -26.3706, 58.3293



60.2860, 12.6770, -52.8708

Complementary

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



41.2090, 73.8470, 20.8647



149.7910, -73.8470, -20.8647

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.



49.3080, -24.3088, -43.2431



41.2090, 73.8470, 20.8647



56.6600, -27.9334, -0.5788

Square

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



41.2090, 73.8470, 20.8647



49.3350, -24.3222, 101.4382



46.9600, -23.1513, -41.1839



70.9390, 45.8791, -62.2135

Rectangle

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



41.2090, 73.8470, 20.8647



62.6970, 3.6004, 105.5057



46.9600, -23.1513, -41.1839



56.5070, 0.7360, -49.5566

Sweetspot

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



41.2090, 73.8470, 20.8647



188.9110, 28.6379, 7.9711



96.3230, 46.6758, -84.4753



89.6150, 17.4448, 4.7226



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



41.2090, 73.8470, 20.8647



53.2740, 95.5069, 26.9467



69.3150, 59.9907, 78.6537



86.9230, 3.4890, 0.9445



34.1580, 61.0541, 17.4014



6.5240, 12.0667, 3.0485

Inverse Universe

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



71.4730, 26.8818, 104.8252



92.4350, 34.7885, 135.5535



121.6850, -59.9907, -78.6537



88.3750, 1.2941, 4.9331



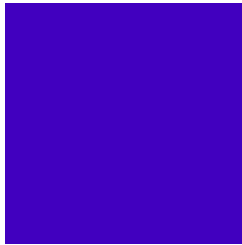
59.0980, 22.1367, 86.7371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 41.2090, 73.8470, 20.8647 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

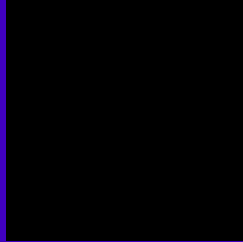
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.2090, 73.8470, 20.8647

Background



This preview shows how black text looks on a background with the YUV color 41.2090, 73.8470, 20.8647.



This preview shows how white text looks on a background with the YUV color 41.2090, 73.8470,

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



Protanopia

51.9150, 38.9889, -45.5295

Deuteranopia

52.0970, 29.5322, -45.6891

Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Protanomaly

48.0980, 51.7167, -21.1339

Deuteranomaly

48.4910, 45.6069, -21.4786

Tritanomaly

47.6300, 34.6924, -20.7235

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1560, 27.0381, 7.7562

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2090, 73.8470, 20.8647 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(65, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 191)  
}
```

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(65, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 191) }
```

Border

The CSS property to change the border of an element to YUV 41.2090, 73.8470, 20.8647 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(65, 0, 191) }
```

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

```
.border{ border-color:rgb(65, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 191)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.2090, 73.8470, 20.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 191) }
```

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

```
.background{ background-color: rgb(65, 0,  
191) }
```

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