

Converting Colors

YUV(73.2090, 77.2980, 34.0197)

Have a look what the booklet for
YUV(73.2090, 77.2980, 34.0197)
contains.

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Color

**YUV(73.2090, 77.2980,
34.0197)**

Conversions

Conversions Part 1

Format	Color
Hex	7017E6
RGB	112, 23, 230
RGB Percent	44%, 9%, 90%
CMY	0.5608, 0.9098, 0.0980
CMYK	0.51, 0.90, 0.00, 0.10
HSL	266°, 82%, 50%
HSV	266°, 90%, 90%
XYZ	21.2714, 9.7707, 75.6277
YIQ	73.2090, -13.4030, 83.2450

Conversions

Conversions Part 2

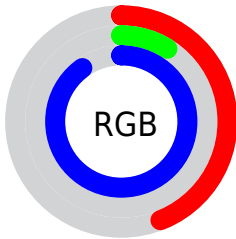
Format	Color
R_{YB}	112, 23, 230
Decimal	7346150
CIE Lab	37.43, 73.28, -85.00
CIE LCh	37, 112.228, 310.762
Yxy	9.7707, 0.1994, 0.0916
Android (android.graphics.Color)	4285536230 (0xFF7017E6)
YUV	73.2090, 77.2980, 34.0197
Hunter-Lab	31.2581, 66.7690, -121.5689

Details

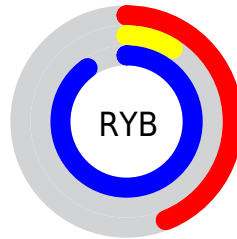
The YUV color **73.2090, 77.2980, 34.0197** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **179.7910, -77.2980, -34.0197**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8770, 60.6996, 37.8189**, and **31.0840, 69.9646, 6.0653** is the 20% darker color. If you saturate the color by 10%, you get **55.8210, 85.8702, 37.8680**, and if you desaturate by 10%, it is **90.5970, 68.7257, 30.1714**.

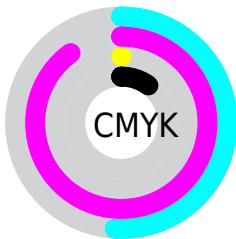
Distribution



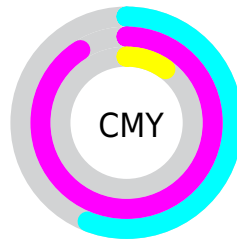
- Red (44%)
- Green (9%)
- Blue (90%)



- Red (44%)
- Yellow (9%)
- Blue (90%)



- Cyan (51%)
- Magenta (90%)
- Yellow (0%)
- Black (10%)



- Cyan (56%)
- Magenta (91%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2090, 77.2980, 34.0197 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 73.2090, 77.2980, 34.0197 by changing the saturation by 10% instead.

73.2090, 77.2980,
34.0197

73.2090, 77.2980,
34.0197

255.0000, 0.0000,
0.0000

46.5350, 76.1512,
28.4718

131.8770, 60.6996,
37.8189

31.0840, 69.9646,
6.0653

157.2830, 48.1745,
41.8478

16.5300, 63.3357,
-14.4968

182.9880, 35.5019,
46.4915

13.5660, 51.9790,
-11.8974

205.1050, 24.5982,
43.7579

10.6020, 40.6222,
-9.2980

222.1280, 16.2059,
28.8287

11.8610, 27.6765,
-10.4021

239.1510, 7.8136,

6.8910, 18.7877,

13.8996

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 73.2090, 77.2980,
34.0197

■ 73.2090, 77.2980,
34.0197

■ 55.8210, 85.8702,
37.8680

■ 90.5970, 68.7257,
30.1714

■ 107.9850, 60.1534,
26.3232

■ 125.3730, 51.5811,
22.4749

■ 142.7610, 43.0088,
18.6266

■ 160.4480, 34.2891,
15.3931

■ 177.8360, 25.7169,
11.5448

■ 195.2240, 17.1446,
7.6966

■ 212.6120, 8.5723,
3.8483

■ 230.0000, 0.0000,
0.0000

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



73.2090, 77.2980, 34.0197



79.5910, 34.7116, 113.4917

Triad

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



73.2090, 77.2980, 34.0197



79.7930, -39.3379, 64.2025



82.3590, 18.5570, -72.2288

Complementary

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



73.2090, 77.2980, 34.0197



179.7910, -77.2980, -34.0197

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.



69.3290, -26.2912, -60.8015



73.2090, 77.2980, 34.0197



79.0870, -38.9899, -0.9533

Square

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



73.2090, 77.2980, 34.0197



61.8930, -30.5132, 127.2588



64.5700, -31.8330, -56.6279



94.1520, 56.1271, -82.5713

Rectangle

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



73.2090, 77.2980, 34.0197



79.1440, 5.8450, 132.3007



64.5700, -31.8330, -56.6279



78.2380, 5.3057, -68.6147

Sweetspot

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



73.2090, 77.2980, 34.0197



202.8360, 25.7169, 11.5448



117.6250, 55.4009, -82.9861



96.7570, 15.4028, 6.3521



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.



73.2090, 77.2980, 34.0197



61.9600, 95.1687, 42.1311



103.4080, 62.4099, 96.1122



105.8630, 4.5045, 1.8741



43.4290, 66.8365, 29.4418



12.3920, 19.0337, 8.4262

Inverse Universe

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



98.3450, 21.0289, 115.4614



92.7750, 25.7469, 142.2713



149.5920, -62.4099, -96.1122



107.3860, 1.2887, 6.6775



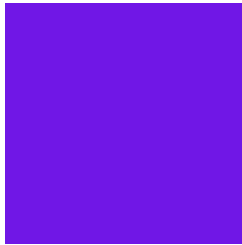
65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 73.2090, 77.2980, 34.0197 looks on a white background.

Color Contrast Check

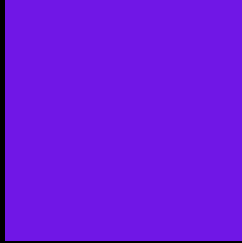
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 73.2090, 77.2980, 34.0197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

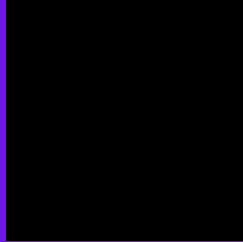
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2090, 77.2980, 34.0197

Background



This preview shows how black text looks on a background with the YUV color 73.2090, 77.2980, 34.0197.



This preview shows how white text looks on a background with the YUV color 73.2090, 77.2980,

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

73.2090, 77.2980, 34.0197

Protanopia

70.4150, 54.0254, -61.7540

Deuteranopia

70.9730, 40.9323, -62.2433



Tritanopia

86.5300, 6.1477, -11.8658

Trichromacy



Original Color

73.2090, 77.2980, 34.0197

Protanomaly

71.2250, 62.5001, -26.5073

Deuteranomaly

71.7490, 54.3537, -26.9669

Tritanomaly

81.5130, 32.2851, 4.8121

Monochromacy



Original Color

73.2090, 77.2980, 34.0197

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1180, 28.0428, 12.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2090, 77.2980, 34.0197 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(112, 23, 230)` looks like.

```
.text, #text, p{  
    color:rgb(112, 23, 230)  
}
```

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(112, 23, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 23, 230) }
```

Border

The CSS property to change the border of an element to YUV 73.2090, 77.2980, 34.0197 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(112, 23, 230) }
```


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

```
.border{ border-color:rgb(112, 23, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 23, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 23, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 23, 230);  
box-shadow:4px 4px 4px 4px rgb(112, 23,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 73.2090, 77.2980, 34.0197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 23, 230) }
```

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

```
.background{ background-color: rgb(112, 23,  
230) }
```

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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