

Converting Colors

YUV(47.6140, 79.5633, 7.3545)

Have a look what the booklet for
YUV(47.6140, 79.5633, 7.3545)
contains.

YUV(47.6140, 79.5633, 7.3545)	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(47.6140, 79.5633,
7.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	380CD1
RGB	56, 12, 209
RGB Percent	22%, 5%, 82%
CMY	0.7804, 0.9529, 0.1804
CMYK	0.73, 0.94, 0.00, 0.18
HSL	253°, 89%, 43%
HSV	253°, 94%, 82%
XYZ	13.2710, 5.7071, 60.7237
YIQ	47.6140, -37.0130, 70.5950

Conversions

Conversions Part 2

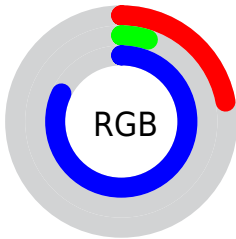
Format	Color
R_{YB}	56, 12, 209
Decimal	3673297
CIE _{Lab}	28.66, 66.89, -87.62
CIE _{LCh}	29, 110.235, 307.357
Yxy	5.7071, 0.1665, 0.0716
Android (android.graphics.Color)	4281863377 (0xFF380CD1)
YUV	47.6140, 79.5633, 7.3545
Hunter-Lab	23.8896, 57.3521, -133.9832

Details

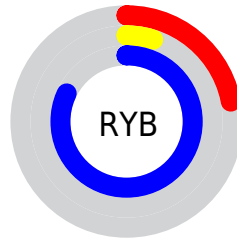
The YUV color **47.6140, 79.5633, 7.3545** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **173.3860, -79.5633, -7.3545**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.6060, 71.6792, 16.1315**, and **17.4420, 66.8301, -15.2966** is the 20% darker color. If you saturate the color by 10%, you get **37.8790, 84.3627, 7.9991**, and if you desaturate by 10%, it is **64.7250, 71.1276, 6.3802**.

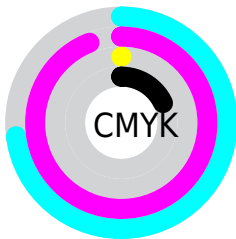
Distribution



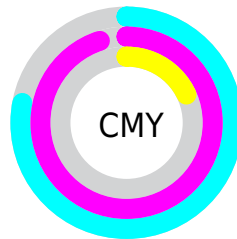
- Red (22%)
- Green (5%)
- Blue (82%)



- Red (22%)
- Yellow (5%)
- Blue (82%)



- Cyan (73%)
- Magenta (94%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (95%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6140, 79.5633, 7.3545 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 47.6140, 79.5633, 7.3545 by changing the saturation by 10% instead.

■ 47.6140, 79.5633,
7.3545

■ 47.6140, 79.5633,
7.3545

255.0000, 0.0000,
0.0000

■ 20.6340, 79.0604,
-18.0960

■ 109.6060, 71.6792,
16.1315

■ 17.4420, 66.8301,
-15.2966

■ 135.0230, 59.1487,
21.9048

■ 14.3640, 55.0365,
-12.5972

■ 160.1410, 46.7655,
27.0633

■ 12.5740, 43.1010,
-11.0274

■ 185.2590, 34.3823,
32.2219

■ 13.7190, 29.7185,
-12.0316

■ 211.2630, 21.5623,
37.4803


■ 8.1620, 21.1191,
-7.1581


■ 228.5850, 13.0226,


■ 4.4800, 12.0884,


23.1660


-3.9290


 245.6080, 4.6303,
8.2368


 0.0000, 0.0000,
0.0000


 47.6140, 79.5633,
7.3545

 47.6140, 79.5633,
7.3545


 37.8790, 84.3627,
7.9991

 64.7250, 71.1276,
6.3802

 81.8360, 62.6919,
5.4058

 99.2460, 54.1087,
5.0463

 116.3570, 45.6730,
4.0719

 133.4680, 37.2373,
3.0976

■ 149.9920, 29.0909,
2.6380

■ 167.4020, 20.5078,
2.2784

■ 184.5130, 12.0721,
1.3041

■ 201.6240, 3.6364,
0.3298

Harmonies

Analogous

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



74.4170, 84.5904, -65.2637



47.6140, 79.5633, 7.3545



67.5300, 33.7557, 93.3742

Triad

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



47.6140, 79.5633, 7.3545



55.9040, -27.5607, 66.7362



64.0360, 11.8143, -56.1596

Complementary

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



47.6140, 79.5633, 7.3545



173.3860, -79.5633, -7.3545

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.



52.8300, -26.0452, -46.3319



47.6140, 79.5633, 7.3545



61.6990, -30.4176, 2.8950

Square

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



47.6140, 79.5633, 7.3545



53.8200, -26.5333, 110.6599



50.4820, -24.8876, -44.2727



75.4870, 48.0739, -66.2021

Rectangle

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



47.6140, 79.5633, 7.3545



68.0230, 5.9047, 113.1128



50.4820, -24.8876, -44.2727



60.6160, -1.2897, -53.1602

Sweetspot

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



47.6140, 79.5633, 7.3545



196.8780, 28.6541, 2.7380



124.8560, 41.4830, -98.9747



92.0060, 17.7450, 1.7487



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.



47.6140, 79.5633, 7.3545



46.1130, 102.9813, 9.5479



76.6170, 65.2648, 66.9879



95.8520, 4.5100, 0.1298



30.5140, 67.7806, 6.5652



7.3650, 16.5821, 1.4339

Inverse Universe

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



88.3450, 37.7909, 105.8144



98.8170, 48.8972, 136.9725



144.3830, -65.2648, -66.9879



98.2010, 1.8729, 5.9627



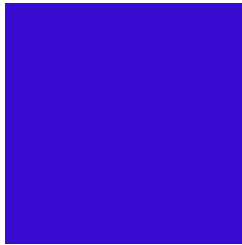
65.1660, 32.4562, 90.1854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 47.6140, 79.5633, 7.3545 looks on a white background.

Color Contrast Check

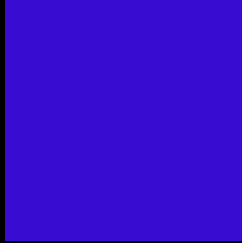
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6140, 79.5633, 7.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

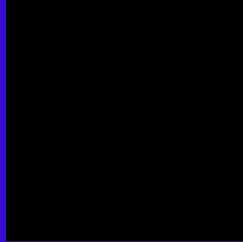
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6140, 79.5633, 7.3545

Background



This preview shows how black text looks on a background with the YUV color 47.6140, 79.5633, 7.3545.



This preview shows how white text looks on a background with the YUV color 47.6140, 79.5633,

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

47.6140, 79.5633, 7.3545

Protanopia

54.5880, 41.6151, -47.8737

Deuteranopia

55.1290, 30.9954, -48.3481



Tritanopia

53.7320, 12.9501, -47.1230

Trichromacy



Original Color

47.6140, 79.5633, 7.3545

Protanomaly

51.6780, 55.3747, -27.7816

Deuteranomaly

52.5440, 48.5388, -28.5411

Tritanomaly

51.5690, 37.1875, -27.6860

Monochromacy



Original Color

47.6140, 79.5633, 7.3545

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9920, 29.0909, 2.6380

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6140, 79.5633, 7.3545 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(56, 12, 209)` looks like.

```
.text, #text, p{  
    color:rgb(56, 12, 209)  
}
```

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(56, 12, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 12, 209) }
```

Border

The CSS property to change the border of an element to YUV 47.6140, 79.5633, 7.3545 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(56, 12, 209) }
```


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

```
.border{ border-color:rgb(56, 12, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 12, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 12, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 12, 209);  
box-shadow:4px 4px 4px 4px rgb(56, 12,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 47.6140, 79.5633, 7.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 12, 209) }
```

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

```
.background{ background-color: rgb(56, 12,  
209) }
```

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