

Converting Colors

YUV(116.2140, 32.4325, 4.1973)

Have a look what the booklet for
YUV(116.2140, 32.4325, 4.1973)
contains.

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Color

**YUV(116.2140, 32.4325,
4.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	7965B6
RGB	121, 101, 182
RGB Percent	47%, 40%, 71%
CMY	0.5255, 0.6039, 0.2863
CMYK	0.34, 0.45, 0.00, 0.29
HSL	255°, 36%, 55%
HSV	255°, 45%, 71%
XYZ	20.9823, 16.7497, 46.3831
YIQ	116.2140, -14.0810, 29.4310

Conversions

Conversions Part 2

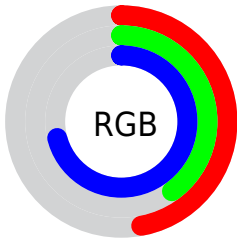
Format	Color
R_{YB}	121, 101, 182
Decimal	7955894
CIE _{Lab}	47.94, 26.57, -40.24
CIE _{LCh}	48, 48.220, 303.436
Yxy	16.7497, 0.2494, 0.1991
Android (android.graphics.Color)	4286145974 (0xFF7965B6)
YUV	116.2140, 32.4325, 4.1973
Hunter-Lab	40.9264, 19.8930, -38.5466

Details

The YUV color **116.2140, 32.4325, 4.1973** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **166.7860, -32.4325, -4.1973**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9800, 34.0269, 6.1565**, and **67.0350, 30.5487, 1.7233** is the 20% darker color. If you saturate the color by 10%, you get **101.4620, 39.7052, 4.8568**, and if you desaturate by 10%, it is **130.9660, 25.1598, 3.5378**.

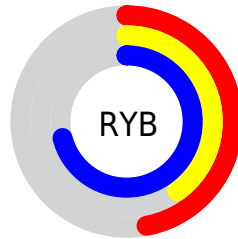
Distribution



Red (47%)

Green (40%)

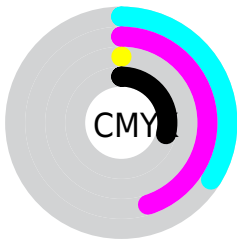
Blue (71%)



Red (47%)

Yellow (40%)

Blue (71%)

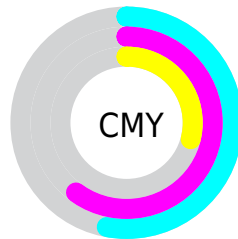


Cyan (34%)

Magenta (45%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (60%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2140, 32.4325, 4.1973 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 116.2140, 32.4325, 4.1973 by changing the saturation by 10% instead.

■ 116.2140, 32.4325,
4.1973

■ 116.2140, 32.4325,
4.1973

■ 255.0000, 0.0000,
0.0000

■ 91.2740, 31.4169,
3.2677

■ 168.9800, 34.0269,
6.1565

■ 67.0350, 30.5487,
1.7233

■ 195.1390, 29.5115,
7.7711

■ 43.0840, 29.5386,
-0.9507

■ 220.2460, 17.1337,
11.1853

■ 18.9370, 29.1181,
-6.0837

■ 243.2600, 5.7878,
10.2960

■ 6.2700, 24.0239,
-5.4988

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 116.2140, 32.4325,
4.1973

■ 116.2140, 32.4325,
4.1973

■ 101.4620, 39.7052,
4.8568

■ 130.9660, 25.1598,
3.5378

■ 87.0090, 46.8306,
6.1311

■ 145.4190, 18.0344,
2.2635

■ 71.6700, 54.3927,
7.3054

■ 160.7580, 10.4723,
1.0892

■ 56.9180, 61.6654,
7.9649

■ 175.5100, 3.1996,
0.4297

■ 42.1660, 68.9382,
8.6244

■ 190.2620, -4.0732,
-0.2298

■ 34.2030, 72.8639,
9.4690

■ 204.7150,
-11.1985, -1.5041

■ 219.4670,
-18.4712, -2.1636

■ 234.8060,
-26.0334, -3.3379

■ 243.3890,
-30.2648, 0.5358

Harmonies

Analogous

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



95.6930, 48.9584, -69.8908



116.2140, 32.4325, 4.1973



116.4550, 17.0307, 44.3280

Triad

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



116.2140, 32.4325, 4.1973



110.7090, -35.3525, 45.8592



91.4090, 12.6164, -80.1657

Complementary

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



116.2140, 32.4325, 4.1973



166.7860, -32.4325, -4.1973

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.



90.0460, -6.9247, -65.8153



116.2140, 32.4325, 4.1973



108.2360, -41.5283, 19.9640

Square

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



116.2140, 32.4325, 4.1973



111.2440, -19.8403, 63.8070



104.0730, -31.0950, -13.2190



95.4960, 30.8145, -83.7500

Rectangle

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



116.2140, 32.4325, 4.1973



114.1660, 5.3412, 60.3674



104.0730, -31.0950, -13.2190



89.8130, 6.5012, -78.7660

Sweetspot

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



116.2140, 32.4325, 4.1973



211.9260, 12.3615, 1.8189



146.6280, 17.4384, -40.0158



104.3620, 7.7095, 0.5595



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



116.2140, 32.4325, 4.1973



134.6330, 50.4669, 6.4609



127.8750, 26.6836, 28.1736



84.6240, 3.6364, 0.3298



29.1460, 62.5390, 7.7650



5.2850, 11.1985, 1.5041

Inverse Universe

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



132.1730, 14.7047, 43.6983



159.5040, 22.9225, 67.9640



155.1250, -26.6836, -28.1736



86.4890, 1.7309, 4.8331



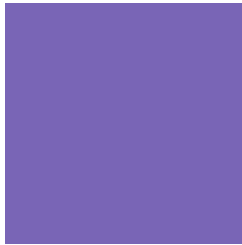
59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 116.2140, 32.4325, 4.1973 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 × Fail

Black Background



This preview shows how the YUV color 116.2140, 32.4325, 4.1973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

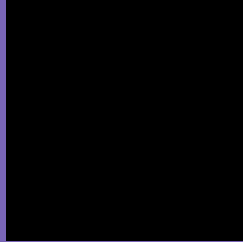
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.2140, 32.4325, 4.1973

Background



This preview shows how black text looks on a background with the YUV color 116.2140, 32.4325, 4.1973.



This preview shows how white text looks on a background with the YUV color 116.2140, 32.4325, 4.1973.

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

116.2140, 32.4325, 4.1973

Protanopia

110.8510, 39.5135, -27.0563

Deuteranopia

110.6460, 33.6985, -28.6305



Tritanopia

113.5310, 4.6682, -3.9737

Trichromacy



Original Color

116.2140, 32.4325, 4.1973

Protanomaly

112.6460, 37.1495, -15.4755

Deuteranomaly

112.6090, 33.2238, -16.3201

Tritanomaly

114.1860, 14.6983, -1.0401

Monochromacy



Original Color

116.2140, 32.4325, 4.1973

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3990, 11.6353, 1.4041

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2140, 32.4325, 4.1973 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(121, 101, 182)` looks like.

```
.text, #text, p{  
    color:rgb(121, 101, 182)  
}
```

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(121, 101, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 101, 182) }
```

Border

The CSS property to change the border of an element to YUV 116.2140, 32.4325, 4.1973 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(121, 101, 182) }
```


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

```
.border{ border-color:rgb(121, 101, 182) }
```

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

Here you see how a box with a 4 pixel rgb(121, 101, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 101, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 101, 182);  
box-shadow:4px 4px 4px 4px rgb(121, 101,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 116.2140, 32.4325, 4.1973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 101, 182) }
```

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

```
.background{ background-color: rgb(121,  
101, 182) }
```

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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