

Converting Colors

YUV(32.9140, 57.7234, 12.3534)

Have a look what the booklet for
YUV(32.9140, 57.7234, 12.3534)
contains.

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Color

**YUV(32.9140, 57.7234,
12.3534)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0396
RGB	47, 3, 150
RGB Percent	18%, 1%, 59%
CMY	0.8157, 0.9882, 0.4118
CMYK	0.69, 0.98, 0.00, 0.41
HSL	258°, 96%, 30%
HSV	258°, 98%, 59%
XYZ	6.7099, 2.8715, 29.0548
YIQ	32.9140, -20.9630, 55.0450

Conversions

Conversions Part 2

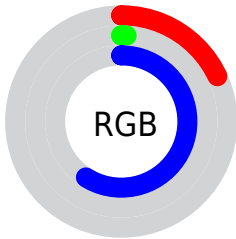
Format	Color
R_{YB}	47, 3, 150
Decimal	3081110
CIE _{Lab}	19.52, 53.54, -67.52
CIE _{LCh}	20, 86.166, 308.412
Yxy	2.8715, 0.1737, 0.0743
Android (android.graphics.Color)	4281271190 (0xFF2F0396)
YUV	32.9140, 57.7234, 12.3534
Hunter-Lab	16.9454, 41.0261, -89.7974

Details

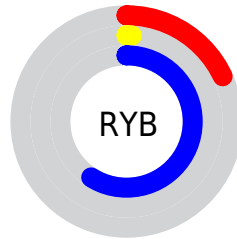
The YUV color **32.9140, 57.7234, 12.3534** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **120.0860, -57.7234, -12.3534**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.5940, 56.4022, 16.1421**, and **11.1720, 42.8062, -9.7978** is the 20% darker color. If you saturate the color by 10%, you get **30.5550, 58.8864, 12.6683**, and if you desaturate by 10%, it is **45.0080, 51.7611, 11.3940**.

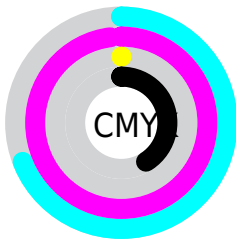
Distribution



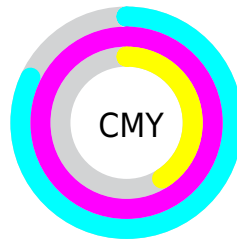
- Red (18%)
- Green (1%)
- Blue (59%)



- Red (18%)
- Yellow (1%)
- Blue (59%)



- Cyan (69%)
- Magenta (98%)
- Yellow (0%)
- Black (41%)



- Cyan (82%)
- Magenta (99%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.9140, 57.7234, 12.3534 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 32.9140, 57.7234, 12.3534 by changing the saturation by 10% instead.

■ 32.9140, 57.7234,
12.3534

■ 32.9140, 57.7234,
12.3534

■ 252.0650, 1.4470,
2.5740

■ 14.0220, 53.7262,
-12.2973

■ 91.5940, 56.4022,
16.1421

■ 11.1720, 42.8062,
-9.7978

■ 118.1320, 57.1229,
18.3012

■ 9.4960, 31.3075,
-8.3280

■ 144.4590, 54.4967,
20.6455

■ 7.9340, 20.2455,
-6.9581

■ 169.2780, 42.2609,
25.1892


■ 3.6650, 11.5042,
-3.2142


■ 194.0970, 30.0252,
29.7329


■ 0.0000, 0.0000,
0.0000


■ 218.6060, 17.9422,


31.9175


 235.0420, 9.8393,
17.5032


 32.9140, 57.7234,
12.3534


 32.9140, 57.7234,
12.3534


 30.5550, 58.8864,
12.6683

 45.0080, 51.7611,
11.3940

 56.8030, 45.9461,
9.8198

 68.8970, 39.9838,
8.8603

 80.6920, 34.1688,
7.2861

 92.7860, 28.2065,
6.3267

■ 104.5810, 22.3916,
4.7525

■ 116.6750, 16.4292,
3.7930

■ 128.4700, 10.6143,
2.2188

■ 140.5640, 4.6519,
1.2594

Harmonies

Analogous

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



52.6910, 62.2703, -46.2100



32.9140, 57.7234, 12.3534



48.8030, 22.7751, 68.5788

Triad

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



32.9140, 57.7234, 12.3534



40.4330, -19.9335, 46.9783



46.7390, 9.0027, -40.9901

Complementary

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



32.9140, 57.7234, 12.3534



120.0860, -57.7234, -12.3534

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.



38.1550, -18.8104, -33.4619



32.9140, 57.7234, 12.3534



42.7940, -21.0974, 0.1807

Square

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



32.9140, 57.7234, 12.3534



38.5710, -19.0155, 79.3062



35.8070, -17.6529, -31.4027



54.3940, 35.7948, -47.7035

Rectangle

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



32.9140, 57.7234, 12.3534



48.9130, 2.5079, 82.5143



35.8070, -17.6529, -31.4027



43.5300, -0.7543, -38.1758

Sweetspot

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



32.9140, 57.7234, 12.3534



149.1680, 22.1022, 4.2377



81.3930, 33.8233, -68.7507



69.8660, 13.3771, 2.7485



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



32.9140, 57.7234, 12.3534



39.4580, 76.1892, 16.2613



54.1430, 47.2575, 56.0026



68.3960, 2.7628, 0.5297



27.9910, 54.2344, 11.4089



2.0370, 3.9258, 0.8446

Inverse Universe

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



58.6950, 23.3214, 80.0745



73.5100, 30.8076, 105.6697



98.8570, -47.2575, -56.0026



69.6630, 1.1521, 3.8035



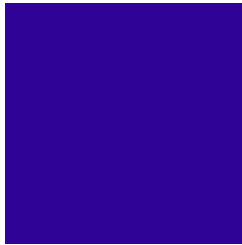
52.2060, 21.5904, 75.2413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 32.9140, 57.7234, 12.3534 looks on a white background.

Color Contrast Check

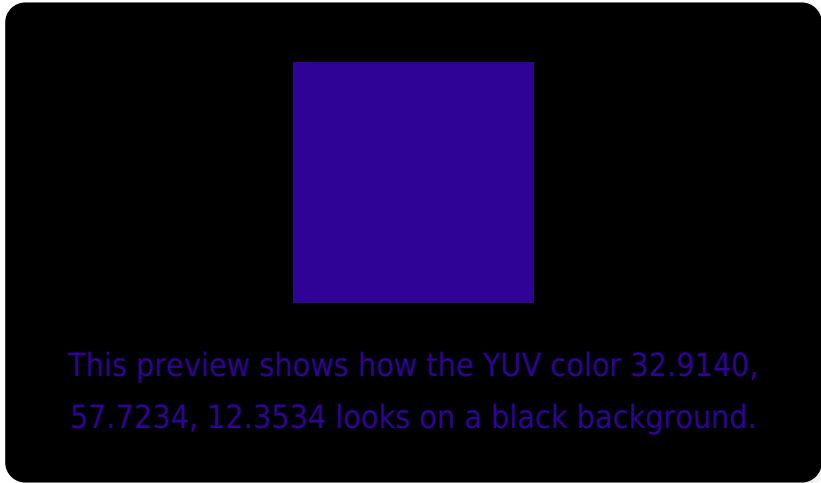
Large Text (above 18pt) WCAG AA ✓ Pass

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

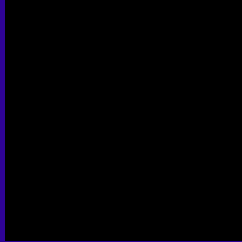
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.9140, 57.7234, 12.3534

Background



This preview shows how black text looks on a background with the YUV color 32.9140, 57.7234, 12.3534.



This preview shows how white text looks on a background with the YUV color 32.9140, 57.7234,

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

32.9140, 57.7234, 12.3534

Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

40.3280, 22.5163, -35.3677



Tritanopia

39.5980, 9.5652, -34.7274

Trichromacy



Original Color

32.9140, 57.7234, 12.3534

Protanomaly

37.4330, 40.2125, -17.9197

Deuteranomaly

37.4670, 35.2658, -17.9496

Tritanomaly

37.2900, 26.9720, -17.7943

Monochromacy



Original Color

32.9140, 57.7234, 12.3534

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9400, 21.2286, 4.4376

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.9140, 57.7234, 12.3534 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(47, 3, 150)` looks like.

```
.text, #text, p{  
    color:rgb(47, 3, 150)  
}
```

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(47, 3, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 3, 150) }
```

Border

The CSS property to change the border of an element to YUV 32.9140, 57.7234, 12.3534 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(47, 3, 150) }
```


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

```
.border{ border-color:rgb(47, 3, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 3, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 3, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 3, 150);  
box-shadow:4px 4px 4px 4px rgb(47, 3, 150)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.9140, 57.7234, 12.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 3, 150) }
```

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

```
.background{ background-color: rgb(47, 3,  
150) }
```

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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