

Converting Colors

YUV(35.2300, 55.1026, 12.9533)

Have a look what the booklet for
YUV(35.2300, 55.1026, 12.9533)
contains.

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Color

**YUV(35.2300, 55.1026,
12.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	320693
RGB	50, 6, 147
RGB Percent	20%, 2%, 58%
CMY	0.8039, 0.9765, 0.4235
CMYK	0.66, 0.96, 0.00, 0.42
HSL	259°, 92%, 30%
HSV	259°, 96%, 58%
XYZ	6.6470, 2.9149, 27.8161
YIQ	35.2300, -19.0370, 53.1790

Conversions

Conversions Part 2

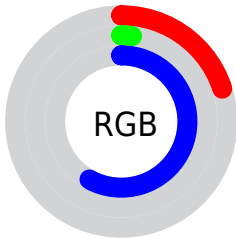
Format	Color
R_{YB}	50, 6, 147
Decimal	3278483
CIE _{Lab}	19.70, 52.12, -65.35
CIE _{LCh}	20, 83.591, 308.573
Yxy	2.9149, 0.1778, 0.0780
Android (android.graphics.Color)	4281468563 (0xFF320693)
YUV	35.2300, 55.1026, 12.9533
Hunter-Lab	17.0732, 39.6159, -84.6454

Details

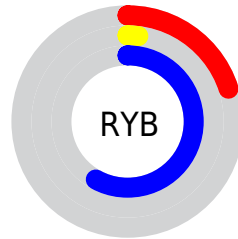
The YUV color **35.2300, 55.1026, 12.9533** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **117.7700, -55.1026, -12.9533**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6110, 53.9288, 16.1272**, and **10.8300, 41.4958, -9.4979** is the 20% darker color. If you saturate the color by 10%, you get **30.5120, 57.4286, 13.5830**, and if you desaturate by 10%, it is **47.0250, 49.2877, 11.3791**.

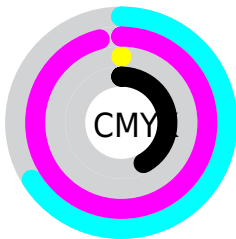
Distribution



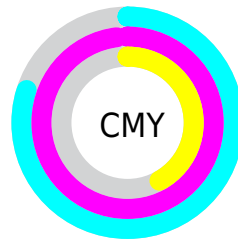
- Red (20%)
- Green (2%)
- Blue (58%)



- Red (20%)
- Yellow (2%)
- Blue (58%)



- Cyan (66%)
- Magenta (96%)
- Yellow (0%)
- Black (42%)



- Cyan (80%)
- Magenta (98%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.2300, 55.1026, 12.9533 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 35.2300, 55.1026, 12.9533 by changing the saturation by 10% instead.

■ 35.2300, 55.1026,
12.9533

■ 35.2300, 55.1026,
12.9533

■ 253.2390, 0.8682,
1.5444

■ 13.9790, 52.2684,
-11.3826

■ 92.6110, 53.9288,
16.1272

■ 10.8300, 41.4958,
-9.4979

■ 119.2630, 55.0863,
18.1863

■ 9.1540, 29.9971,
-8.0281

■ 145.9320, 53.7705,
20.2306

■ 7.7060, 19.3719,
-6.7582

■ 170.1640, 41.8241,
25.2892

■ 3.4370, 10.6306,
-3.0142


■ 194.6840, 29.7358,
29.2181


■ 0.0000, 0.0000,
0.0000


■ 219.1930, 17.6529,


31.4027


 236.2160, 9.2605,
16.4736


 35.2300, 55.1026,
12.9533


 35.2300, 55.1026,
12.9533


 30.5120, 57.4286,
13.5830

 47.0250, 49.2877,
11.3791

 58.2330, 43.7621,
10.3197

 70.0280, 37.9472,
8.7454

 81.8230, 32.1323,
7.1712

 93.9170, 26.1699,
6.2118

■ 105.1250, 20.6444,
5.1524

■ 116.9200, 14.8294,
3.5782

■ 128.7150, 9.0145,
2.0039

■ 139.9230, 3.4890,
0.9445

Harmonies

Analogous

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



52.2350, 60.5231, -45.8101



35.2300, 55.1026, 12.9533



48.3900, 22.4857, 68.0640

Triad

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



35.2300, 55.1026, 12.9533



41.3080, -20.3648, 45.3339



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.



35.2300, 55.1026, 12.9533



117.7700, -55.1026, -12.9533

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



35.2300, 55.1026, 12.9533



43.6800, -21.5342, 0.2806

Square

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



35.2300, 55.1026, 12.9533



38.2720, -18.8681, 78.6915



35.8070, -17.6529, -31.4027



54.1660, 34.9212, -47.5036

Rectangle

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



35.2300, 55.1026, 12.9533



48.3150, 2.8027, 81.2847



35.8070, -17.6529, -31.4027



44.2310, -0.6069, -38.7906

Sweetspot

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



35.2300, 55.1026, 12.9533



147.3530, 21.5180, 4.9524



80.1870, 32.9388, -65.0620



70.1650, 13.2297, 3.3633



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.



35.2300, 55.1026, 12.9533



39.7140, 74.5840, 17.7908



55.8610, 44.9315, 55.3729



68.3960, 2.7628, 0.5297



28.5890, 53.9396, 12.6384



2.0370, 3.9258, 0.8446

Inverse Universe

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



59.2170, 21.5850, 76.9857



72.1570, 29.5026, 104.2253



97.1390, -44.9315, -55.3729



69.6630, 1.1521, 3.8035



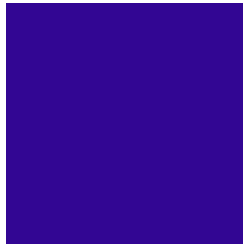
52.0920, 21.1536, 75.3413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 35.2300, 55.1026, 12.9533 looks on a white background.

Color Contrast Check

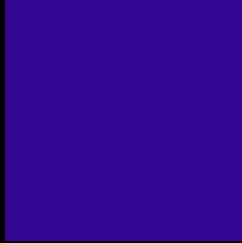
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2300, 55.1026, 12.9533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

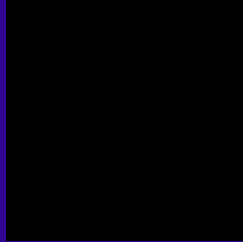
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.2300, 55.1026, 12.9533

Background



This preview shows how black text looks on a background with the YUV color 35.2300, 55.1026, 12.9533.



This preview shows how white text looks on a background with the YUV color 35.2300, 55.1026,

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

35.2300, 55.1026, 12.9533

Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

40.3280, 22.5163, -35.3677



Tritanopia

39.5980, 9.5652, -34.7274

Trichromacy



Original Color

35.2300, 55.1026, 12.9533

Protanomaly

38.2050, 39.3389, -17.7198

Deuteranomaly

38.2390, 34.3922, -17.7496

Tritanomaly

38.0620, 26.0984, -17.5944

Monochromacy



Original Color

35.2300, 55.1026, 12.9533

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.7120, 20.3550, 4.6376

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.2300, 55.1026, 12.9533 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(50, 6, 147)` looks like.

```
.text, #text, p{  
    color:rgb(50, 6, 147)  
}
```

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(50, 6, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 6, 147) }
```

Border

The CSS property to change the border of an element to YUV 35.2300, 55.1026, 12.9533 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(50, 6, 147) }
```


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

```
.border{ border-color:rgb(50, 6, 147) }
```

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

Here you see how a box with a 4 pixel rgb(50, 6, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 6, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 6, 147);  
box-shadow:4px 4px 4px 4px rgb(50, 6, 147)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.2300, 55.1026, 12.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 6, 147) }
```

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

```
.background{ background-color: rgb(50, 6,  
147) }
```

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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