

Converting Colors

YUV(32.9320, 53.7705, 20.2306)

Have a look what the booklet for
YUV(32.9320, 53.7705, 20.2306)
contains.

YUV(32.9320, 53.7705, 20.2306)	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>	30

Color

**YUV(32.9320, 53.7705,
20.2306)**

Conversions

Conversions Part 1

Format	Color
Hex	38008E
RGB	56, 0, 142
RGB Percent	22%, 0%, 56%
CMY	0.7804, 1.0000, 0.4431
CMYK	0.61, 1.00, 0.00, 0.44
HSL	264°, 100%, 28%
HSV	264°, 100%, 56%
XYZ	6.5134, 2.7937, 25.7871
YIQ	32.9320, -12.2060, 56.0340

Conversions

Conversions Part 2

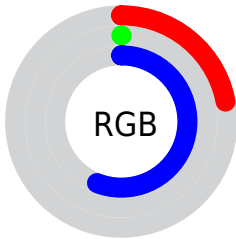
Format	Color
R_{YB}	56, 0, 142
Decimal	3670158
CIE _{Lab}	19.20, 52.89, -63.05
CIE _{LCh}	19, 82.301, 309.992
Yxy	2.7937, 0.1856, 0.0796
Android (android.graphics.Color)	4281860238 (0xFF38008E)
YUV	32.9320, 53.7705, 20.2306
Hunter-Lab	16.7145, 40.3082, -79.7725

Details

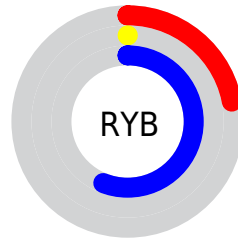
The YUV color **32.9320, 53.7705, 20.2306** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **109.0680, -53.7705, -20.2306**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.4760, 52.0233, 20.6305**, and **10.2600, 39.3118, -8.9980** is the 20% darker color. If you saturate the color by 10%, you get **32.9320, 53.7705, 20.2306**, and if you desaturate by 10%, it is **43.8410, 48.3924, 18.5564**.

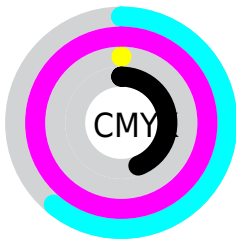
Distribution



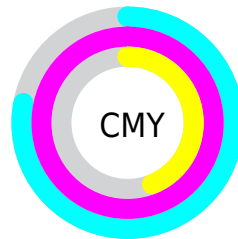
- Red (22%)
- Green (0%)
- Blue (56%)



- Red (22%)
- Yellow (0%)
- Blue (56%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.9320, 53.7705, 20.2306 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 32.9320, 53.7705, 20.2306 by changing the saturation by 10% instead.

■ 32.9320, 53.7705,
20.2306

■ 32.9320, 53.7705,
20.2306

■ 251.4780, 1.7363,
3.0888

■ 18.6060, 48.0152,
-0.5315

■ 91.4760, 52.0233,
20.6305

■ 10.2600, 39.3118,
-8.9980

■ 118.0140, 52.7441,
22.7897

■ 8.6980, 28.2499,
-7.6281

■ 145.3670, 54.0491,
24.2341

■ 6.5490, 17.4773,
-5.7435

■ 169.8870, 41.9607,
28.1631

■ 2.9810, 8.8834,
-2.6143

■ 194.7060, 29.7249,
32.7068

■ 0.0000, 0.0000,
0.0000

■ 218.0190, 18.2316,

32.4323

■ 234.4550, 10.1287,
18.0180

■ 32.9320, 53.7705,
20.2306

■ 43.8410, 48.3924,
18.5564

■ 54.4510, 43.1617,
16.2675

■ 65.9470, 37.4941,
14.0785

■ 76.5570, 32.2634,
11.7895

■ 87.4660, 26.8853,
10.1153

■ 98.3750, 21.5071,
8.4411

■ 108.9850, 16.2764,
6.1522

■ 120.4810, 10.6089,
3.9632

■ 131.0910, 5.3781,
1.6742

Harmonies

Analogous

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



50.0180, 59.6441, -43.8658



32.9320, 53.7705, 20.2306



47.5210, 20.4491, 67.9491

Triad

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



32.9320, 53.7705, 20.2306



41.2860, -20.3540, 41.8452



46.2660, 9.7289, -40.5753

Complementary

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



32.9320, 53.7705, 20.2306



109.0680, -53.7705, -20.2306

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.



37.5680, -18.5210, -32.9471



32.9320, 53.7705, 20.2306



41.8970, -20.6552, -1.6637

Square

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



32.9320, 53.7705, 20.2306



37.0760, -18.2785, 76.2323



35.2200, -17.3635, -30.8879



53.5790, 35.2106, -46.9888

Rectangle

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



32.9320, 53.7705, 20.2306



47.2610, 1.3503, 80.4551



35.2200, -17.3635, -30.8879



43.2850, 0.8455, -37.9609

Sweetspot

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



32.9320, 53.7705, 20.2306



141.5490, 20.9283, 7.4115



67.8440, 36.5589, -59.4992



66.6490, 12.4980, 4.6928



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



32.9320, 53.7705, 20.2306



42.5040, 69.7575, 25.8680



53.5630, 43.5994, 62.6502



65.6950, 2.6154, 1.1445



31.2370, 51.1552, 19.0862



1.8090, 3.0522, 1.0445

Inverse Universe

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



52.2620, 16.6328, 78.7002



67.6700, 21.3617, 102.0214



88.4370, -43.5994, -62.6502



66.6630, 1.1521, 3.8035



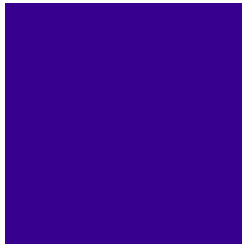
49.7130, 15.9175, 74.7967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 32.9320, 53.7705, 20.2306 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

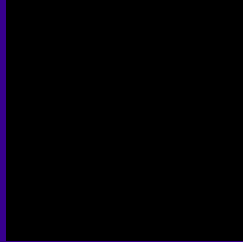
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.9320, 53.7705, 20.2306

Background



This preview shows how black text looks on a background with the YUV color 32.9320, 53.7705, 20.2306.



This preview shows how white text looks on a background with the YUV color 32.9320, 53.7705,

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



Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

40.3280, 22.5163, -35.3677

Tritanopia

43.0120, 8.3751, -26.3205

Trichromacy



Protanomaly

37.4010, 38.7493, -15.2607

Deuteranomaly

37.4350, 33.8025, -15.2905

Tritanomaly

39.4760, 24.9083, -9.1875

Monochromacy



Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.9080, 19.7654, 7.0967

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.9320, 53.7705, 20.2306 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, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(56, 0, 142)  
}
```

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, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 0, 142) }
```

Border

The CSS property to change the border of an element to YUV 32.9320, 53.7705, 20.2306 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, 0, 142) }
```

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

```
.border{ border-color:rgb(56, 0, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 0, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(56, 0, 142)  
}
```


Background

The CSS property to change the background color of an element to YUV 32.9320, 53.7705, 20.2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 0, 142) }
```

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

```
.background{ background-color: rgb(56, 0,  
142) }
```

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