

Converting Colors

YUV(57.8420, 53.3219,
-22.6634)

Have a look what the booklet for
YUV(57.8420, 53.3219, -22.6634)
contains.

YUV(57.8420, 53.3219, -22.6634)	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(57.8420, 53.3219,
-22.6634)**

Conversions

Conversions Part 1	
Format	Color
Hex	2032A6
RGB	32, 50, 166
RGB Percent	13%, 20%, 65%
CMY	0.8745, 0.8039, 0.3490
CMYK	0.81, 0.70, 0.00, 0.35
HSL	232°, 68%, 39%
HSV	232°, 81%, 65%
XYZ	8.6192, 5.3415, 36.6531
YIQ	57.8420, -47.9640, 32.2600

Conversions

Conversions Part 2

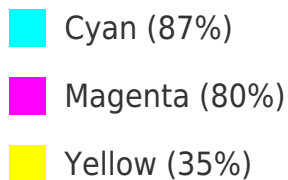
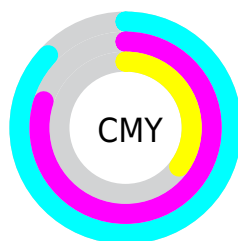
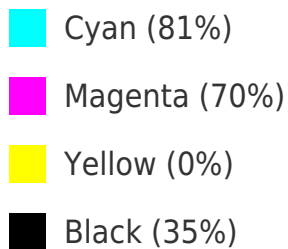
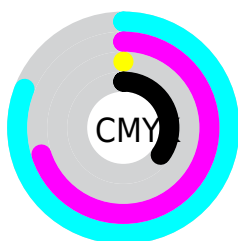
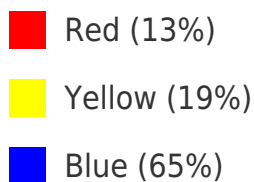
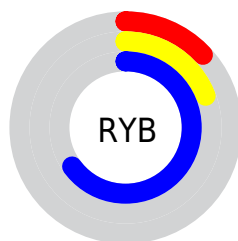
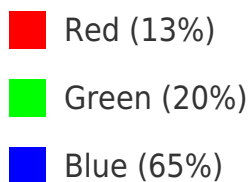
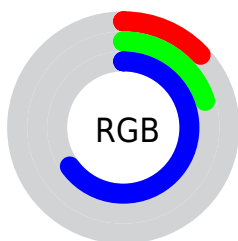
Format	Color
RYB	32, 48, 166
Decimal	2110118
CIELab	27.69, 36.33, -63.81
CIELCh	28, 73.426, 299.658
Yxy	5.3415, 0.1703, 0.1055
Android (android.graphics.Color)	4280300198 (0xFF2032A6)
YUV	57.8420, 53.3219, -22.6634
Hunter-Lab	23.1116, 26.1242, -77.8511

Details

The YUV color **57.8420, 53.3219, -22.6634** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **140.1580, -53.3219, 22.6634**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4460, 54.0101, -10.0381**, and **18.7520, 46.4643, -16.4455** is the 20% darker color. If you saturate the color by 10%, you get **44.5410, 59.8793, -25.9075**, and if you desaturate by 10%, it is **71.1430, 46.7645, -19.4194**.


Distribution





Brightness & Saturation Gradients


These gradients show how the YUV color 57.8420, 53.3219, -22.6634 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 57.8420, 53.3219, -22.6634 by changing the saturation by 10% instead.


 57.8420, 53.3219,
-22.6634


 57.8420, 53.3219,
-22.6634


 255.0000, 0.0000,
0.0000


 32.8690, 52.3226,
-28.8261


 112.4460, 54.0101,
-10.0381


 18.7520, 46.4643,
-16.4455


 139.3970, 55.0203,
-7.3642


 9.9180, 38.0014,
-8.6981


 163.7860, 44.9685,
-3.3203

 10.7040, 25.7819,
-9.3874

 188.0180, 33.0221,
1.7382

 6.3210, 16.6037,
-5.5435

 213.4240, 20.4970,
5.7672

 2.6390, 7.5730,
-2.3144

 238.8300, 7.9718,

 0.0000, 0.0000,

9.7961

0.0000

■ 57.8420, 53.3219,
-22.6634

■ 57.8420, 53.3219,
-22.6634

■ 44.5410, 59.8793,
-25.9075

■ 71.1430, 46.7645,
-19.4194

■ 31.8380, 66.1419,
-27.9219

■ 84.7320, 40.0651,
-17.3050

■ 98.0330, 33.5077,
-14.0609

■ 111.0350, 27.0977,
-11.4317

■ 124.9230, 20.2510,
-8.7025

■ 138.2240, 13.6936,
-5.4584

■ 151.8130, 6.9942,
-3.3440

■ 165.1140, 0.4368,
-0.1000

■ 178.1160, -5.9732,
2.5293

Harmonies

Analogous

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



64.7730, 57.7929, -56.8059



57.8420, 53.3219, -22.6634



52.4080, 35.2949, 66.2942

Triad

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



57.8420, 53.3219, -22.6634



57.0340, -28.1178, 58.7292



57.0770, 2.9200, -50.0565

Complementary

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



57.8420, 53.3219, -22.6634



140.1580, -53.3219, 22.6634

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.



48.7210, -24.0195, -42.7283



57.8420, 53.3219, -22.6634



62.0860, -30.6084, 17.4646

Square

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



57.8420, 53.3219, -22.6634



46.7450, -16.1433, 91.4316



49.3850, -24.3468, -31.0326



64.2760, 27.9649, -56.3701

Rectangle

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



57.8420, 53.3219, -22.6634



54.7680, 15.8904, 83.5185



49.3850, -24.3468, -31.0326



54.7970, -5.8159, -48.0570

Sweetspot

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



57.8420, 53.3219, -22.6634



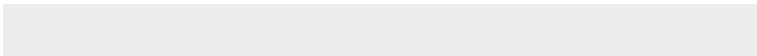
175.0370, 20.6878, -8.8024



123.6540, 11.0166, -80.3806



83.9960, 12.8200, -5.2585



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



57.8420, 53.3219, -22.6634



47.3760, 83.6246, -35.4098



61.3290, 51.6028, 15.4975



77.4990, 3.2050, -1.3146



28.6120, 58.8583, -25.0927



4.0410, 7.8678, -3.5440

Inverse Universe

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



74.1180, -11.8902, 80.5805



72.9820, -18.7251, 126.3038



136.6710, -51.6028, -15.4975



78.5060, -0.7425, 4.8182



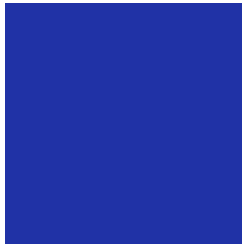
46.5320, -13.0803, 88.9874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 57.8420, 53.3219, -22.6634 looks on a white background.

Color Contrast Check

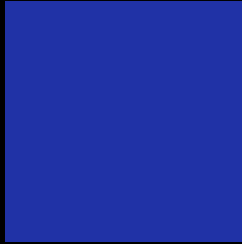
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.8420, 53.3219, -22.6634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

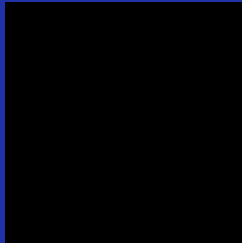
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8420, 53.3219, -22.6634

Background



This preview shows how black text looks on a background with the YUV color 57.8420, 53.3219, -22.6634.



This preview shows how white text looks on a background with the YUV color 57.8420, 53.3219, -22.6634.

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

57.8420, 53.3219, -22.6634

Protanopia

52.1430, 39.8625, -45.7294

Deuteranopia

52.2110, 29.9690, -45.7890



Tritanopia

51.6290, 12.5079, -45.2786

Trichromacy



Original Color
57.8420, 53.3219, -22.6634

Protanomaly
54.1640, 44.7821, -36.9778

Deuteranomaly
54.4430, 38.2356, -37.2225

Tritanomaly
54.1690, 27.0317, -36.9822

Monochromacy



Original Color
57.8420, 53.3219, -22.6634

Achromatopsia
58.0000, 0.0000, 0.0000

Achromatomaly
57.9940, 19.2300, -7.8877

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8420, 53.3219, -22.6634 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(32, 50, 166)` looks like.

```
.text, #text, p{  
    color:rgb(32, 50, 166)  
}
```

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(32, 50, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 50, 166) }
```

Border

The CSS property to change the border of an element to YUV 57.8420, 53.3219, -22.6634 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(32, 50, 166) }
```


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

```
.border{ border-color:rgb(32, 50, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 50, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 50, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 50, 166);  
box-shadow:4px 4px 4px 4px rgb(32, 50,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 57.8420, 53.3219, -22.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 50, 166) }
```

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

```
.background{ background-color: rgb(32, 50,  
166) }
```

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