

Converting Colors

YUV(42.5220, 8.6167, 36.3762)

Have a look what the booklet for
YUV(42.5220, 8.6167, 36.3762)
contains.

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Color

**YUV(42.5220, 8.6167,
36.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	54123C
RGB	84, 18, 60
RGB Percent	33%, 7%, 24%
CMY	0.6706, 0.9294, 0.7647
CMYK	0.00, 0.79, 0.29, 0.67
HSL	322°, 65%, 20%
HSV	322°, 79%, 33%
XYZ	4.6881, 2.6437, 4.5382
YIQ	42.5220, 25.8540, 27.0540

Conversions

Conversions Part 2

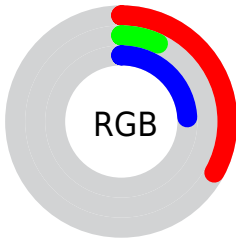
Format	Color
RYB	84, 18, 60
Decimal	5509692
CIELab	18.56, 34.42, -9.76
CIElCh	19, 35.776, 344.163
Yxy	2.6437, 0.3950, 0.2227
Android (android.graphics.Color)	4283699772 (0xFF54123C)
YUV	42.5220, 8.6167, 36.3762
Hunter-Lab	16.2594, 23.0131, -5.1669

Details

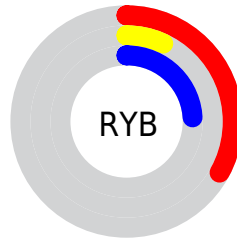
The YUV color **42.5220, 8.6167, 36.3762** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **59.4780, -8.6167, -36.3762**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.7780, 7.0114, 37.9057**, and **13.3000, 1.8241, 21.6619** is the 20% darker color. If you saturate the color by 10%, you get **37.4840, 9.6214, 40.7945**, and if you desaturate by 10%, it is **47.5600, 7.6119, 31.9579**.

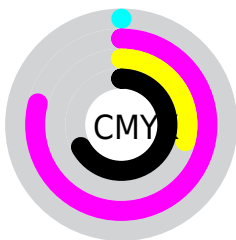
Distribution



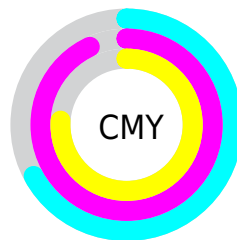
- Red (33%)
- Green (7%)
- Blue (24%)



- Red (33%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (29%)
- Black (67%)



- Cyan (67%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5220, 8.6167, 36.3762 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 42.5220, 8.6167, 36.3762 by changing the saturation by 10% instead.

■ 42.5220, 8.6167,
36.3762

■ 42.5220, 8.6167,
36.3762

■ 255.0000, 0.0000,
0.0000

■ 21.9730, 7.9013,
32.4727

■ 92.7780, 7.0114,
37.9057

■ 13.3000, 1.8241,
21.6619

■ 117.9030, 7.4428,
39.5501

■ 0.0000, 0.0000,
0.0000


■ 144.5010, 7.1480,
40.7796


■ 171.5120, 7.1426,
42.5240


■ 199.1100, 6.8478,
43.7535


■ 220.6460, 10.5275,


30.1285


 238.5640, 8.1029,
14.4144


 42.5220, 8.6167,
36.3762


 42.5220, 8.6167,
36.3762

 37.4840, 9.6214,
40.7945

 47.5600, 7.6119,
31.9579


 31.8590, 10.9155,
45.7277

 53.1850, 6.3178,
27.0248

 31.1580, 10.7681,
46.3424

 58.2230, 5.3131,
22.6064

 63.8480, 4.0189,
17.6733

 68.8860, 3.0142,
13.2550

■ 73.9240, 2.0095,
8.8367

■ 79.5490, 0.7153,
3.9035

■ 84.5870, -0.2894,
-0.5148

■ 90.2120, -1.5835,
-5.4479

Harmonies

Analogous

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



46.4850, 18.0019, 12.7297



42.5220, 8.6167, 36.3762



39.5910, -2.7564, 44.2087

Triad

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



42.5220, 8.6167, 36.3762



41.9300, -20.6715, 3.5694



42.1060, 19.1747, -36.9270

Complementary

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



42.5220, 8.6167, 36.3762



59.4780, -8.6167, -36.3762

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.



39.9570, 8.4022, -35.0423



42.5220, 8.6167, 36.3762



34.9980, -17.2540, -19.2922

Square

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



42.5220, 8.6167, 36.3762



43.2250, -21.3099, 21.7277



36.2920, -3.1020, -31.8281



41.3540, 26.4475, -36.2675

Rectangle

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



42.5220, 8.6167, 36.3762



40.8650, -11.7654, 40.4604



36.2920, -3.1020, -31.8281



41.3080, 16.1172, -36.2271

Sweetspot

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



42.5220, 8.6167, 36.3762



93.0110, 3.4456, 14.8994



32.4010, 25.4383, 7.5413



45.9240, 2.0095, 8.8367



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



42.5220, 8.6167, 36.3762



45.2070, 13.2089, 56.8235



38.8740, -5.3609, 39.5755



38.4240, 0.2840, 2.2592



39.0330, 13.7877, 57.8531



86.2400, 30.4477, 127.8315

Inverse Universe

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



42.5220, 8.6167, 36.3762



45.2070, 13.2089, 56.8235



63.1260, 5.3609, -39.5755



38.4240, 0.2840, 2.2592



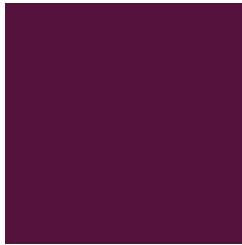
39.0330, 13.7877, 57.8531



86.2400, 30.4477, 127.8315

Previews

White Background



This preview shows how the YUV color 42.5220, 8.6167, 36.3762 looks on a white background.

Color Contrast Check

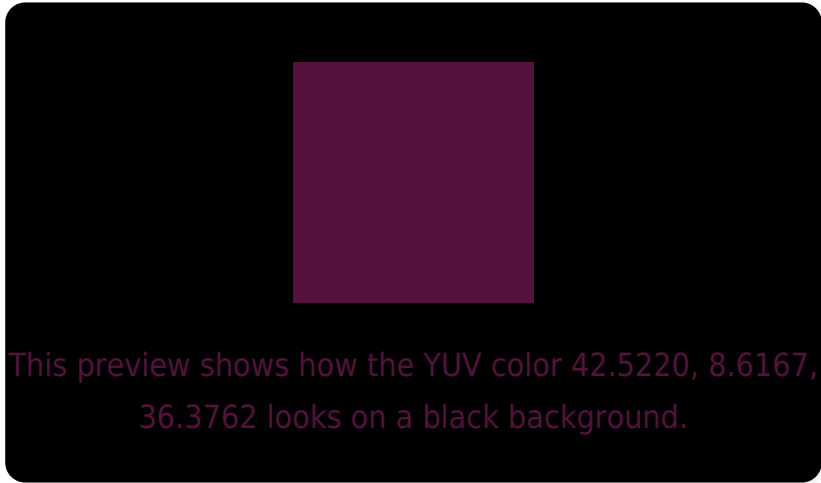
Large Text (above 18pt) WCAG AA ✓ Pass

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

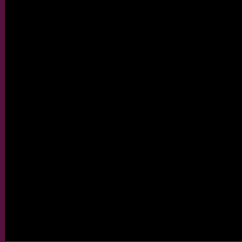
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.5220, 8.6167, 36.3762

Background



This preview shows how black text looks on a background with the YUV color 42.5220, 8.6167, 36.3762.



This preview shows how white text looks on a background with the YUV color 42.5220, 8.6167,

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

42.5220, 8.6167, 36.3762

Protanopia

45.8040, 17.3516, -12.1061

Deuteranopia

47.4390, 4.2206, -0.3850



Tritanopia

44.3740, -7.0864, 32.9980

Trichromacy



Original Color

42.5220, 8.6167, 36.3762

Protanomaly

44.7030, 13.9504, 5.5225

Deuteranomaly

45.5700, 5.6350, 12.6551

Tritanomaly

43.5790, -1.2714, 34.5722

Monochromacy



Original Color

42.5220, 8.6167, 36.3762

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8860, 3.0142, 13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5220, 8.6167, 36.3762 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(84, 18, 60)` looks like.

```
.text, #text, p{  
    color:rgb(84, 18, 60)  
}
```

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(84, 18, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 18, 60) }
```

Border

The CSS property to change the border of an element to YUV 42.5220, 8.6167, 36.3762 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(84, 18, 60) }
```


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

```
.border{ border-color:rgb(84, 18, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 18, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 18, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 18, 60);  
box-shadow:4px 4px 4px 4px rgb(84, 18, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.5220, 8.6167, 36.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 18, 60) }
```

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

```
.background{ background-color: rgb(84, 18,  
60) }
```

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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