

Converting Colors

YUV(42.7860, 55.3215, 36.1447)

Have a look what the booklet for
YUV(42.7860, 55.3215, 36.1447)
contains.

YUV(42.7860, 55.3215, 36.1447)	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(42.7860, 55.3215,
36.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	54009B
RGB	84, 0, 155
RGB Percent	33%, 0%, 61%
CMY	0.6706, 1.0000, 0.3922
CMYK	0.46, 1.00, 0.00, 0.39
HSL	273°, 100%, 30%
HSV	273°, 100%, 61%
XYZ	9.5726, 4.2514, 31.3264
YIQ	42.7860, 0.3090, 66.0130

Conversions

Conversions Part 2

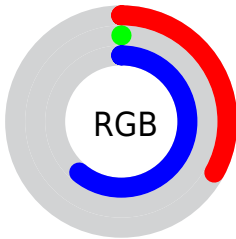
Format	Color
R_{YB}	84, 0, 155
Decimal	5505179
CIE _{Lab}	24.49, 58.12, -62.23
CIE _{LCh}	24, 85.152, 313.046
Yxy	4.2514, 0.2120, 0.0942
Android (android.graphics.Color)	4283695259 (0xFF54009B)
YUV	42.7860, 55.3215, 36.1447
Hunter-Lab	20.6189, 46.7877, -75.6466

Details

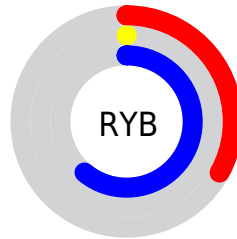
The YUV color **42.7860, 55.3215, 36.1447** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **112.2140, -55.3215, -36.1447**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3680, 52.5696, 32.1263**, and **17.3090, 41.7527, 1.4830** is the 20% darker color. If you saturate the color by 10%, you get **42.7860, 55.3215, 36.1447**, and if you desaturate by 10%, it is **53.6840, 49.9488, 32.7261**.

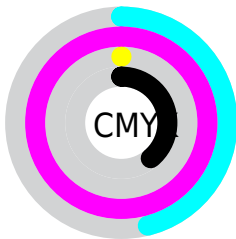
Distribution



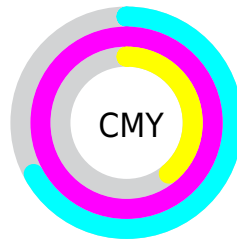
- Red (33%)
- Green (0%)
- Blue (61%)



- Red (33%)
- Yellow (0%)
- Blue (61%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7860, 55.3215, 36.1447 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 42.7860, 55.3215, 36.1447 by changing the saturation by 10% instead.

42.7860, 55.3215,
36.1447

42.7860, 55.3215,
36.1447

255.0000, 0.0000,
0.0000

30.7380, 47.9502,
20.4008

104.3680, 52.5696,
32.1263

17.3090, 41.7527,
1.4830

132.0800, 52.7116,
33.2558

8.7780, 33.6334,
-7.6983

158.4240, 47.6120,
35.5852

8.9770, 21.7033,
-7.8728

183.2430, 35.3762,
40.1289

4.7080, 12.9620,
-4.1289

206.8660, 23.7301,
42.2135

0.2280, 0.8736,
-0.2000

223.8890, 15.3377,

0.0000, 0.0000,

27.2843

0.0000

■ 240.3250, 7.2348,
12.8700

■ 42.7860, 55.3215,
36.1447

■ 53.6840, 49.9488,
32.7261

■ 65.1690, 44.2867,
28.7928

■ 76.6540, 38.6246,
24.8594

■ 87.5520, 33.2519,
21.4409

■ 99.3360, 27.4424,
18.1223

■ 110.2340, 22.0696,
14.7038

■ 121.1320, 16.6969,
11.2852

■ 132.6170, 11.0348,
7.3519

■ 143.5150, 5.6621,
3.9333

Harmonies

Analogous

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



57.3530, 64.9020, -50.2986



42.7860, 55.3215, 36.1447



55.0110, 20.7006, 80.6744

Triad

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



42.7860, 55.3215, 36.1447



53.6790, -26.4637, 41.5005



56.1770, 14.7027, -49.2672

Complementary

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



42.7860, 55.3215, 36.1447



112.2140, -55.3215, -36.1447

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.



46.9090, -15.7311, -41.1392



42.7860, 55.3215, 36.1447



51.9090, -25.5911, -5.1822

Square

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



42.7860, 55.3215, 36.1447



41.8600, -20.6370, 86.0688



43.4380, -21.4149, -38.0951



63.7180, 41.0580, -55.8807

Rectangle

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



42.7860, 55.3215, 36.1447



53.8110, 0.5862, 92.2508



43.4380, -21.4149, -38.0951



53.6690, 5.0932, -47.0677

Sweetspot

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



42.7860, 55.3215, 36.1447



157.7070, 21.3434, 14.2890



59.9340, 46.8675, -52.5621



75.1980, 13.2134, 8.5964



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



42.7860, 55.3215, 36.1447



55.5050, 71.7290, 46.9151



63.4450, 42.6716, 80.2937



71.1080, 2.9048, 1.6593



38.6840, 49.9488, 32.7261



3.5750, 4.6465, 3.0037

Inverse Universe

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



54.4390, 8.1646, 88.1920



70.5870, 10.5566, 114.3722



91.5550, -42.6716, -80.2937



71.7340, 0.1311, 4.6183



49.1560, 7.3181, 79.6702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 42.7860, 55.3215, 36.1447 looks on a white background.

Color Contrast Check

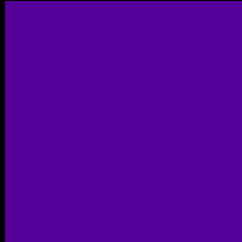
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7860, 55.3215, 36.1447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

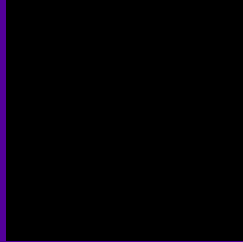
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7860, 55.3215, 36.1447

Background



This preview shows how black text looks on a background with the YUV color 42.7860, 55.3215, 36.1447.



This preview shows how white text looks on a background with the YUV color 42.7860, 55.3215,

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

48.7690, 37.0889, -42.7704

Deuteranopia

49.1790, 28.5058, -43.1300

Tritanopia

61.1680, 1.8892, 0.7297

Trichromacy



Protanomaly

46.9650, 43.4013, -14.0013

Deuteranomaly

46.8850, 38.0177, -13.9311

Tritanomaly

54.4080, 21.4909, 13.6742

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7670, 20.3279, 13.3593

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7860, 55.3215, 36.1447 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, 0, 155)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 155)  
}
```

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, 0, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 155) }
```

Border

The CSS property to change the border of an element to YUV 42.7860, 55.3215, 36.1447 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, 0, 155) }
```

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

```
.border{ border-color:rgb(84, 0, 155) }
```

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

Here you see how a box with a 4 pixel rgb(84, 0, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 0, 155);  
box-shadow:4px 4px 4px 4px rgb(84, 0, 155)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.7860, 55.3215, 36.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 155) }
```

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

```
.background{ background-color: rgb(84, 0,  
155) }
```

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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