

Converting Colors

YUV(66.5420, 24.8758, 1.2787)

Have a look what the booklet for
YUV(66.5420, 24.8758, 1.2787)
contains.

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Color

**YUV(66.5420, 24.8758,
1.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	443875
RGB	68, 56, 117
RGB Percent	27%, 22%, 46%
CMY	0.7333, 0.7804, 0.5412
CMYK	0.42, 0.52, 0.00, 0.54
HSL	252°, 35%, 34%
HSV	252°, 52%, 46%
XYZ	7.0090, 5.3416, 17.4912
YIQ	66.5420, -12.4290, 21.5150

Conversions

Conversions Part 2

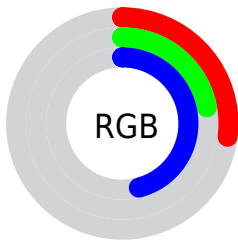
Format	Color
R_{YB}	68, 56, 117
Decimal	4470901
CIE _{Lab}	27.69, 21.37, -33.40
CIE _{LCh}	28, 39.650, 302.609
Yxy	5.3416, 0.2349, 0.1790
Android (android.graphics.Color)	4282660981 (0xFF443875)
YUV	66.5420, 24.8758, 1.2787
Hunter-Lab	23.1120, 13.6860, -28.6925

Details

The YUV color **66.5420, 24.8758, 1.2787** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.4580, -24.8758, -1.2787**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4220, 26.9070, 3.1379**, and **21.0530, 23.1449, -3.5545** is the 20% darker color. If you saturate the color by 10%, you get **56.8070, 29.6751, 1.9233**, and if you desaturate by 10%, it is **76.2770, 20.0764, 0.6341**.

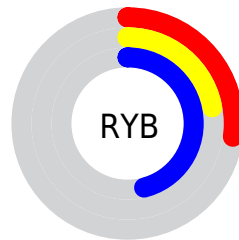
Distribution



Red (27%)

Green (22%)

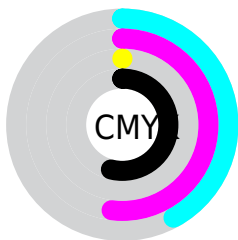
Blue (46%)



Red (27%)

Yellow (22%)

Blue (46%)

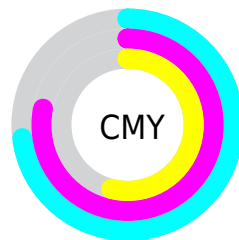


Cyan (42%)

Magenta (52%)

Yellow (0%)

Black (54%)



Cyan (73%)

Magenta (78%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5420, 24.8758, 1.2787 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 66.5420, 24.8758, 1.2787 by changing the saturation by 10% instead.

■ 66.5420, 24.8758,
1.2787

■ 66.5420, 24.8758,
1.2787

■ 255.0000, 0.0000,
0.0000

■ 43.3030, 24.0076,
-0.2657

■ 115.4220, 26.9070,
3.1379

■ 21.0530, 23.1449,
-3.5545

■ 141.2480, 27.4857,
4.1675

■ 5.2440, 20.0927,
-4.5990

■ 167.7750, 28.2119,
4.5823

■ 3.3230, 10.1938,
-2.9143

■ 195.3020, 28.9381,
4.9971

■ 0.0000, 0.0000,
0.0000

■ 220.2240, 17.1446,
7.6966

■ 244.4340, 5.2090,

9.2664

■ 66.5420, 24.8758,
1.2787

■ 66.5420, 24.8758,
1.2787

■ 56.8070, 29.6751,
1.9233

■ 76.2770, 20.0764,
0.6341

■ 47.3600, 34.3325,
1.4383

■ 85.7240, 15.4191,
1.1191

■ 37.6250, 39.1319,
2.0829

■ 95.4590, 10.6197,
0.4745

■ 27.5910, 44.0786,
2.1127

■ 105.4930, 5.6730,
0.4446

■ 20.2150, 47.7150,
2.4424

■ 114.6410, 1.1630,
0.3148

■ 124.3760, -3.6364,
-0.3298

■ 134.4100, -8.5831,
-0.3596

■ 144.1450,
-13.3825, -1.0042

■ 153.5920,
-18.0399, -0.5192

Harmonies

Analogous

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



54.2800, 35.3580, -47.6036



66.5420, 24.8758, 1.2787



65.8790, 13.8637, 33.4321

Triad

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



66.5420, 24.8758, 1.2787



62.1080, -27.1682, 34.1083



54.0110, 6.4036, -47.3676

Complementary

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



66.5420, 24.8758, 1.2787



106.4580, -24.8758, -1.2787

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.



49.3030, -6.5584, -43.2387



66.5420, 24.8758, 1.2787



61.1780, -30.1608, 13.8759

Square

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



66.5420, 24.8758, 1.2787



62.0400, -13.8237, 47.3229



57.2890, -25.2855, -9.9005



57.4310, 19.5075, -50.3670

Rectangle

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



66.5420, 24.8758, 1.2787



63.0780, 5.3845, 46.4126



57.2890, -25.2855, -9.9005



52.8710, 2.0356, -46.3679

Sweetspot

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



66.5420, 24.8758, 1.2787



132.9320, 9.8935, 0.0596



92.3040, 12.1751, -31.8386



64.6070, 6.1097, 0.3447



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



66.5420, 24.8758, 1.2787



73.6250, 39.1319, 2.0829



75.5120, 20.4536, 19.7220



53.9830, 2.4734, 0.0149



21.0840, 49.7516, 2.5573



43.1510, 101.9766, 5.1296

Inverse Universe

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



79.8250, 12.4113, 32.6025



94.4820, 19.4824, 51.3203



97.4880, -20.4536, -19.7220



55.2500, 0.8628, 3.2888



47.6500, 24.8225, 65.2049



97.6640, 50.9446, 133.5987

Previews

White Background



This preview shows how the YUV color 66.5420, 24.8758, 1.2787 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 66.5420, 24.8758, 1.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

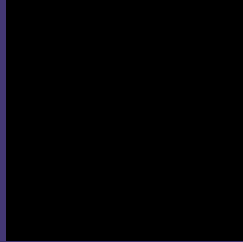
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5420, 24.8758, 1.2787

Background



This preview shows how black text looks on a background with the YUV color 66.5420, 24.8758, 1.2787.



This preview shows how white text looks on a background with the YUV color 66.5420, 24.8758,

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

66.5420, 24.8758, 1.2787

Protanopia

60.5000, 31.7985, -25.8715

Deuteranopia

59.0280, 27.5942, -30.7196



Tritanopia

64.5800, 3.6581, -6.6477

Trichromacy



Original Color

66.5420, 24.8758, 1.2787

Protanomaly

62.2840, 29.4400, -16.0351

Deuteranomaly

61.5780, 26.8300, -18.9239

Tritanomaly

65.2520, 11.2148, -3.7290

Monochromacy



Original Color

66.5420, 24.8758, 1.2787

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7040, 9.0199, 0.2596

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5420, 24.8758, 1.2787 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(68, 56, 117)` looks like.

```
.text, #text, p{  
    color:rgb(68, 56, 117)  
}
```

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(68, 56, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 56, 117) }
```

Border

The CSS property to change the border of an element to YUV 66.5420, 24.8758, 1.2787 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(68, 56, 117) }
```


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

```
.border{ border-color:rgb(68, 56, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 56, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 56, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 56, 117);  
box-shadow:4px 4px 4px 4px rgb(68, 56,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 66.5420, 24.8758, 1.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 56, 117) }
```

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

```
.background{ background-color: rgb(68, 56,  
117) }
```

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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