

Converting Colors

YUV(66.2920, 24.0130, -2.0101)

Have a look what the booklet for
YUV(66.2920, 24.0130, -2.0101)
contains.

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Color

**YUV(66.2920, 24.0130,
-2.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	403A73
RGB	64, 58, 115
RGB Percent	25%, 23%, 45%
CMY	0.7490, 0.7725, 0.5490
CMYK	0.44, 0.50, 0.00, 0.55
HSL	246°, 33%, 34%
HSV	246°, 50%, 45%
XYZ	6.7219, 5.3539, 16.8988
YIQ	66.2920, -14.7210, 18.9990

Conversions

Conversions Part 2

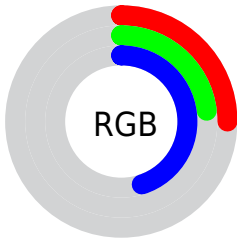
Format	Color
RYB	64, 58, 115
Decimal	4209267
CIELab	27.72, 18.32, -32.10
CIELCh	28, 36.961, 299.716
Yxy	5.3539, 0.2320, 0.1848
Android (android.graphics.Color)	4282399347 (0xFF403A73)
YUV	66.2920, 24.0130, -2.0101
Hunter-Lab	23.1385, 11.3633, -27.1044

Details

The YUV color **66.2920, 24.0130, -2.0101** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.7080, -24.0130, 2.0101**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.0580, 25.6074, -0.0509**, and **20.5040, 22.4295, -7.4580** is the 20% darker color. If you saturate the color by 10%, you get **56.8450, 28.6704, -2.4951**, and if you desaturate by 10%, it is **76.3260, 19.0663, -2.0399**.

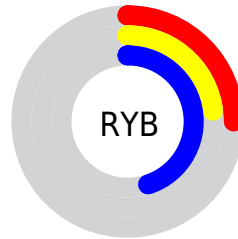
Distribution



Red (25%)

Green (23%)

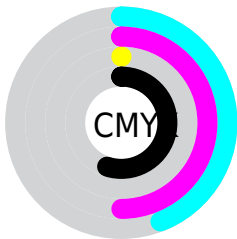
Blue (45%)



Red (25%)

Yellow (23%)

Blue (45%)

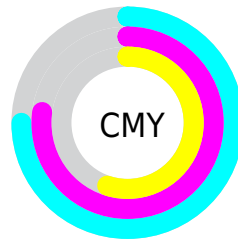


Cyan (44%)

Magenta (50%)

Yellow (0%)

Black (55%)



Cyan (75%)

Magenta (77%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2920, 24.0130, -2.0101 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 66.2920, 24.0130, -2.0101 by changing the saturation by 10% instead.

■ 66.2920, 24.0130,
-2.0101

■ 66.2920, 24.0130,
-2.0101

■ 255.0000, 0.0000,
0.0000

■ 43.0530, 23.1449,
-3.5545

■ 115.0580, 25.6074,
-0.0509

■ 20.5040, 22.4295,
-7.4580

■ 140.6990, 26.7704,
0.2640

■ 5.0160, 19.2191,
-4.3990

■ 167.2260, 27.4966,
0.6788

■ 3.0950, 9.3202,
-2.7143

■ 194.7530, 28.2228,
1.0936

■ 0.0000, 0.0000,
0.0000

■ 219.9030, 17.3028,
3.5931

■ 245.0100, 4.9251,

7.0072

■ 66.2920, 24.0130,
-2.0101

■ 66.2920, 24.0130,
-2.0101

■ 56.8450, 28.6704,
-2.4951

■ 76.3260, 19.0663,
-2.0399

■ 46.5120, 33.7646,
-3.0800

■ 86.0720, 14.2615,
-0.9401

■ 37.0650, 38.4220,
-3.5650

■ 96.1060, 9.3147,
-0.9700

■ 27.0310, 43.3687,
-3.5352

■ 105.5530, 4.6574,
-0.4850

■ 17.5840, 48.0261,
-4.0202

■ 115.5870, -0.2894,
-0.5148

■ 16.6980, 48.4629,
-4.1201

■ 125.3330, -5.0942,
0.5850

■ 135.3670,
-10.0409, 0.5551

■ 144.8140,
-14.6983, 1.0401

■ 155.1470,
-19.7925, 1.6251

Harmonies

Analogous

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



54.4110, 33.3214, -47.7184



66.2920, 24.0130, -2.0101



66.7320, 13.4431, 28.2990

Triad

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



66.2920, 24.0130, -2.0101



63.0200, -23.6739, 33.3085



53.6690, 5.0932, -47.0677

Complementary

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



66.2920, 24.0130, -2.0101



106.7080, -24.0130, 2.0101

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.



48.6020, -6.7058, -42.6240



66.2920, 24.0130, -2.0101



61.4880, -30.3136, 16.2350

Square

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



66.2920, 24.0130, -2.0101



62.5990, -11.6343, 45.0787



58.5390, -24.4227, -6.6117



56.3880, 18.0497, -49.4523

Rectangle

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



66.2920, 24.0130, -2.0101



64.1590, 5.8376, 41.0796



58.5390, -24.4227, -6.6117



51.9420, 1.0146, -45.5531

Sweetspot

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



66.2920, 24.0130, -2.0101



131.1060, 9.3147, -0.9700



94.4350, 10.1385, -31.9535



64.8950, 5.9678, -0.7849



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.



66.2920, 24.0130, -2.0101



74.7230, 37.1116, -3.2651



74.6640, 19.8856, 15.2037



53.6840, 2.6208, -0.5999



17.7950, 51.3731, -4.2052



36.2740, 105.3669, -9.0103

Inverse Universe

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



80.8570, 13.8745, 29.9434



97.3180, 21.5352, 46.2021



98.3360, -19.8856, -15.2037



55.3640, 1.2995, 3.1888



49.0180, 30.0641, 64.0052



100.2860, 60.9910, 131.2992

Previews

White Background



This preview shows how the YUV color 66.2920, 24.0130, -2.0101 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 66.2920, 24.0130, -2.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

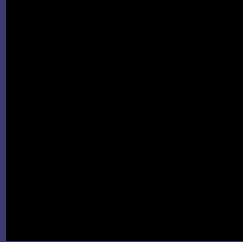
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.2920, 24.0130, -2.0101

Background



This preview shows how black text looks on a background with the YUV color 66.2920, 24.0130, -2.0101.



This preview shows how white text looks on a background with the YUV color 66.2920, 24.0130,

-2.0101.

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

66.2920, 24.0130, -2.0101

Protanopia

62.1260, 29.0249, -22.9125

Deuteranopia

59.9960, 26.1310, -28.0605



Tritanopia

64.0850, 4.3951, -9.7215

Trichromacy



Original Color

66.2920, 24.0130, -2.0101

Protanomaly

63.7140, 27.2560, -15.5352

Deuteranomaly

62.2360, 25.5197, -18.6240

Tritanomaly

64.6430, 11.5150, -6.7029

Monochromacy



Original Color

66.2920, 24.0130, -2.0101

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9920, 8.8779, -0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2920, 24.0130, -2.0101 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(64, 58, 115)` looks like.

```
.text, #text, p{  
    color:rgb(64, 58, 115)  
}
```

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(64, 58, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 58, 115) }
```

Border

The CSS property to change the border of an element to YUV 66.2920, 24.0130, -2.0101 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(64, 58, 115) }
```


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

```
.border{ border-color:rgb(64, 58, 115) }
```

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

Here you see how a box with a 4 pixel rgb(64, 58, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 58, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 58, 115);  
box-shadow:4px 4px 4px 4px rgb(64, 58,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 66.2920, 24.0130, -2.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 58, 115) }
```

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

```
.background{ background-color: rgb(64, 58,  
115) }
```

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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