

Converting Colors

YUV(92.4720, 24.4173, 8.3561)

Have a look what the booklet for
YUV(92.4720, 24.4173, 8.3561)
contains.

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Color

**YUV(92.4720, 24.4173,
8.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	664E8E
RGB	102, 78, 142
RGB Percent	40%, 31%, 56%
CMY	0.6000, 0.6941, 0.4431
CMYK	0.28, 0.45, 0.00, 0.44
HSL	262°, 29%, 43%
HSV	262°, 45%, 56%
XYZ	13.0864, 10.2266, 26.8754
YIQ	92.4720, -6.2400, 24.9920

Conversions

Conversions Part 2

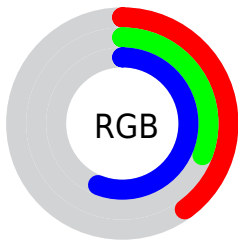
Format	Color
R_{YB}	102, 78, 142
Decimal	6704782
CIE _{Lab}	38.25, 24.37, -31.93
CIE _{LCh}	38, 40.164, 307.348
Yxy	10.2266, 0.2607, 0.2038
Android (android.graphics.Color)	4284894862 (0xFF664E8E)
YUV	92.4720, 24.4173, 8.3561
Hunter-Lab	31.9790, 17.0821, -27.4425

Details

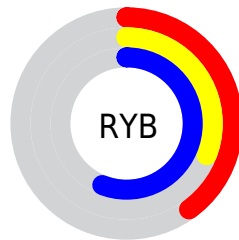
The YUV color **92.4720, 24.4173, 8.3561** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.5280, -24.4173, -8.3561**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2380, 26.0117, 10.3153**, and **45.2930, 22.5336, 5.8820** is the 20% darker color. If you saturate the color by 10%, you get **81.5630, 29.7954, 10.0302**, and if you desaturate by 10%, it is **103.3810, 19.0392, 6.6819**.

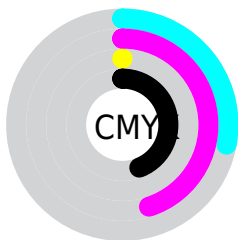
Distribution



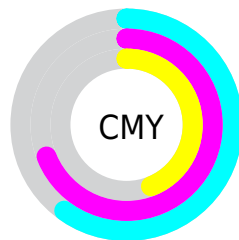
- Red (40%)
- Green (31%)
- Blue (56%)



- Red (40%)
- Yellow (31%)
- Blue (56%)



- Cyan (28%)
- Magenta (45%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4720, 24.4173, 8.3561 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 92.4720, 24.4173, 8.3561 by changing the saturation by 10% instead.

92.4720, 24.4173,
8.3561

92.4720, 24.4173,
8.3561

255.0000, 0.0000,
0.0000

68.5320, 23.4017,
7.4264

143.2380, 26.0117,
10.3153

45.2930, 22.5336,
5.8820

170.3520, 26.4485,
10.2153

23.0540, 21.6654,
4.3376

197.8790, 27.1747,
10.6301

6.0270, 19.2137,
-2.6547

222.6270, 15.9599,
14.3591

3.2090, 9.7570,
-2.8143

243.8470, 5.4984,
9.7812

0.0000, 0.0000,
0.0000

■ 92.4720, 24.4173,
8.3561

■ 92.4720, 24.4173,
8.3561

■ 81.5630, 29.7954,
10.0302

■ 103.3810, 19.0392,
6.6819

■ 70.6540, 35.1736,
11.7044

■ 114.2900, 13.6610,
5.0077

■ 59.1580, 40.8411,
13.8934

■ 125.7860, 7.9935,
2.8187

■ 48.5480, 46.0718,
16.1824

■ 136.6950, 2.6154,
1.1445

■ 37.6390, 51.4500,
17.8566

■ 147.3050, -2.6154,
-1.1445


■ 32.0350, 54.2127,
18.3863

■ 158.2140, -7.9935,
-2.8187

■ 169.1230,
-13.3716, -4.4929

■ 180.6190,

-19.0392, -6.6819

 191.5280,
-24.4173, -8.3561

Harmonies

Analogous

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



81.8510, 36.0625, -40.2113



92.4720, 24.4173, 8.3561



92.0430, 11.8108, 38.5503

Triad

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



92.4720, 24.4173, 8.3561



87.5380, -29.3522, 34.6082



73.2800, 11.6940, -64.2666

Complementary

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



92.4720, 24.4173, 8.3561



127.5280, -24.4173, -8.3561

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.



68.3440, -2.1416, -59.9377



92.4720, 24.4173, 8.3561



85.4830, -32.7761, 12.7314

Square

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



92.4720, 24.4173, 8.3561



88.6120, -18.0497, 49.4523



81.5380, -22.9432, -14.5038



76.3410, 25.9609, -66.9511

Rectangle

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



92.4720, 24.4173, 8.3561



89.8890, 2.0267, 50.0863



81.5380, -22.9432, -14.5038



71.4390, 7.1786, -62.6520

Sweetspot

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



92.4720, 24.4173, 8.3561



163.9540, 9.8827, 3.5483



109.3630, 16.0900, -27.5054



79.6180, 6.1043, 2.0890



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



92.4720, 24.4173, 8.3561



106.7620, 38.0783, 13.3637



101.7410, 19.8477, 27.4141



65.6950, 2.6154, 1.1445



30.6390, 51.4500, 17.8566



1.8090, 3.0522, 1.0445

Inverse Universe

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



101.6960, 8.0379, 35.3466



120.9680, 12.3408, 55.2791



118.2590, -19.8477, -27.4141



66.6630, 1.1521, 3.8035



49.9410, 16.7911, 74.5967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 92.4720, 24.4173, 8.3561 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 × Fail

Black Background



This preview shows how the YUV color 92.4720, 24.4173, 8.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

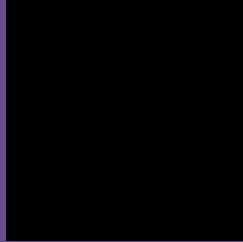
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4720, 24.4173, 8.3561

Background



This preview shows how black text looks on a background with the YUV color 92.4720, 24.4173, 8.3561.



This preview shows how white text looks on a background with the YUV color 92.4720, 24.4173,

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

92.4720, 24.4173, 8.3561

Protanopia

88.0060, 31.0560, -21.0533

Deuteranopia

88.1110, 25.0883, -20.2683



Tritanopia

90.9940, 2.4680, 1.7593

Trichromacy



Original Color

92.4720, 24.4173, 8.3561

Protanomaly

89.5020, 28.8395, -10.0873

Deuteranomaly

89.7640, 24.7663, -10.3170

Tritanomaly

91.4810, 10.6089, 3.9632

Monochromacy



Original Color

92.4720, 24.4173, 8.3561

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.3130, 8.7197, 3.2335

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4720, 24.4173, 8.3561 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(102, 78, 142)` looks like.

```
.text, #text, p{  
    color:rgb(102, 78, 142)  
}
```

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(102, 78, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 78, 142) }
```

Border

The CSS property to change the border of an element to YUV 92.4720, 24.4173, 8.3561 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(102, 78, 142) }
```


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

```
.border{ border-color:rgb(102, 78, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 78, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 78, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 78, 142);  
box-shadow:4px 4px 4px 4px rgb(102, 78,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 92.4720, 24.4173, 8.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 78, 142) }
```

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

```
.background{ background-color: rgb(102, 78,  
142) }
```

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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