

Converting Colors

YUV(91.0240, 14.2852, 85.0480)

Have a look what the booklet for
YUV(91.0240, 14.2852, 85.0480)
contains.

YUV(91.0240, 14.2852, 85.0480)	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>	31

Color

**YUV(91.0240, 14.2852,
85.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	BC2478
RGB	188, 36, 120
RGB Percent	74%, 14%, 47%
CMY	0.2627, 0.8588, 0.5294
CMYK	0.00, 0.81, 0.36, 0.26
HSL	327°, 68%, 44%
HSV	327°, 81%, 74%
XYZ	24.7601, 13.3092, 19.0332
YIQ	91.0240, 63.6280, 58.3480

Conversions

Conversions Part 2

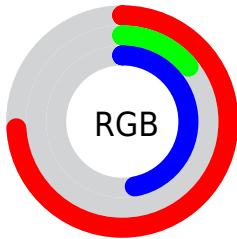
Format	Color
R_{YB}	188, 36, 120
Decimal	12330104
CIE _{Lab}	43.23, 64.05, -9.71
CIE _{LCh}	43, 64.781, 351.376
Yxy	13.3092, 0.4336, 0.2331
Android (android.graphics.Color)	4290520184 (0xFFBC2478)
YUV	91.0240, 14.2852, 85.0480
Hunter-Lab	36.4818, 57.3044, -5.3955

Details

The YUV color **91.0240, 14.2852, 85.0480** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **132.9760, -14.2852, -85.0480**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8730, 9.9226, 84.3034**, and **46.7790, 12.4340, 72.1078** is the 20% darker color. If you saturate the color by 10%, you get **78.9590, 16.2892, 95.6290**, and if you desaturate by 10%, it is **103.0890, 12.2811, 74.4669**.

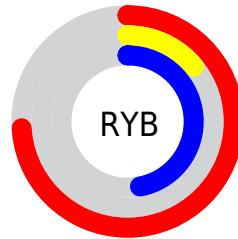
Distribution



Red (74%)

Green (14%)

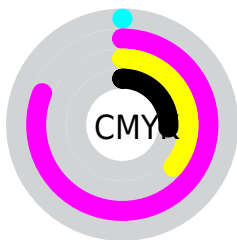
Blue (47%)



Red (74%)

Yellow (14%)

Blue (47%)

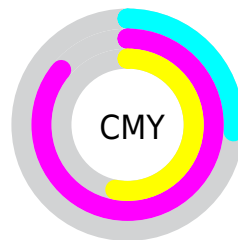


Cyan (0%)

Magenta (81%)

Yellow (36%)

Black (26%)



Cyan (26%)


Magenta (86%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.0240, 14.2852, 85.0480 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 91.0240, 14.2852, 85.0480 by changing the saturation by 10% instead.


 91.0240, 14.2852,
85.0480


 91.0240, 14.2852,
85.0480

255.0000, 0.0000,
0.0000


 58.3710, 18.0581,
88.2516


 151.8730, 9.9226,
84.3034


 46.7790, 12.4340,
72.1078


 173.5940, 13.0182,
71.3931


 35.7850, 6.5150,
57.1936

 193.8090, 16.8562,
53.6645

 25.0190, 1.4696,
42.0793

 213.9100, 20.2574,
36.0359

 13.9820, -5.9071,
28.0798

 230.9330, 11.8650,
21.1068

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

■ 91.0240, 14.2852,
85.0480

■ 91.0240, 14.2852,
85.0480

■ 78.9590, 16.2892,
95.6290

■ 103.0890, 12.2811,
74.4669

■ 68.0680, 17.7145,
105.1804

■ 115.2680, 10.7139,
63.7860

■ 126.7460, 8.9992,
53.7198

■ 138.9250, 7.4320,
43.0388

■ 150.9900, 5.4279,
32.4578

■ 163.0550, 3.4239,
21.8768

■ 175.2340, 1.8566,
11.1958

■ 186.7120, 0.1420,
1.1296

■ 198.8910, -1.4253,
-9.5514

Harmonies

Analogous

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



102.9720, 33.0448, 41.2436



91.0240, 14.2852, 85.0480



89.1240, -10.9071, 91.9763

Triad

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



91.0240, 14.2852, 85.0480



91.4690, -45.0942, -3.0423



93.4050, 45.6493, -81.9162

Complementary

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



91.0240, 14.2852, 85.0480



132.9760, -14.2852, -85.0480

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.



89.3350, 24.9778, -78.3468



91.0240, 14.2852, 85.0480



73.4040, -23.3702, -64.3753

Square

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



91.0240, 14.2852, 85.0480



96.1410, -47.3975, 35.8333



82.3640, 0.8065, -72.2332



90.1570, 58.5896, -79.0677

Rectangle

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



91.0240, 14.2852, 85.0480



92.9980, -30.0720, 78.9318



82.3640, 0.8065, -72.2332



92.3960, 39.2448, -81.0313

Sweetspot

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



91.0240, 14.2852, 85.0480



207.4030, 5.7173, 32.9726



73.0620, 56.6644, 25.3786



99.7450, 3.5767, 19.5176



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



91.0240, 14.2852, 85.0480



93.2100, 22.5745, 133.1198



82.5880, -18.0379, 92.4463



88.2610, 0.8573, 5.0331



57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Inverse Universe

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



91.0240, 14.2852, 85.0480



93.2100, 22.5745, 133.1198



141.4120, 18.0379, -92.4463



88.2610, 0.8573, 5.0331



57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 91.0240, 14.2852, 85.0480 looks on a white background.

Color Contrast Check

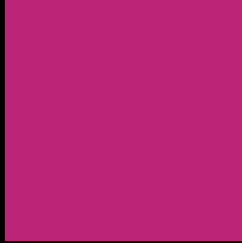
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.0240, 14.2852, 85.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

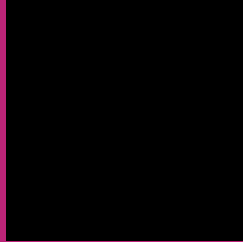
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.0240, 14.2852, 85.0480

Background



This preview shows how black text looks on a background with the YUV color 91.0240, 14.2852, 85.0480.



This preview shows how white text looks on a background with the YUV color 91.0240, 14.2852,

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

91.0240, 14.2852, 85.0480

Protanopia

101.7890, 30.1770, -19.1090

Deuteranopia

104.0590, 3.9149, 4.3333



Tritanopia

94.6140, -17.5577, 78.3915

Trichromacy



Original Color

91.0240, 14.2852, 85.0480

Protanomaly

97.5380, 24.3848, 18.8222

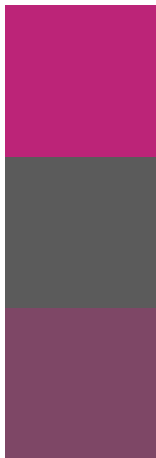
Deuteranomaly

99.5710, 7.6065, 33.7022

Tritanomaly

93.3120, -6.0698, 80.4104

Monochromacy



Original Color

91.0240, 14.2852, 85.0480

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9790, 5.4334, 30.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0240, 14.2852, 85.0480 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(188, 36, 120)` looks like.

```
.text, #text, p{  
    color:rgb(188, 36, 120)  
}
```

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(188, 36, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 36, 120) }
```

Border

The CSS property to change the border of an element to YUV 91.0240, 14.2852, 85.0480 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(188, 36, 120) }
```


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

```
.border{ border-color:rgb(188, 36, 120) }
```

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

Here you see how a box with a 4 pixel rgb(188, 36, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 36, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 36, 120);  
box-shadow:4px 4px 4px 4px rgb(188, 36,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 91.0240, 14.2852, 85.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 36, 120) }
```

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

```
.background{ background-color: rgb(188, 36,  
120) }
```

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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