

Converting Colors

YUV(144.7210, 0.1375, 49.3567)

Have a look what the booklet for
YUV(144.7210, 0.1375, 49.3567)
contains.

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Color

**YUV(144.7210, 0.1375,
49.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	C97491
RGB	201, 116, 145
RGB Percent	79%, 45%, 57%
CMY	0.2118, 0.5451, 0.4314
CMYK	0.00, 0.42, 0.28, 0.21
HSL	340°, 44%, 62%
HSV	340°, 42%, 79%
XYZ	35.4436, 26.9526, 30.1224
YIQ	144.7210, 41.3510, 27.0390

Conversions

Conversions Part 2

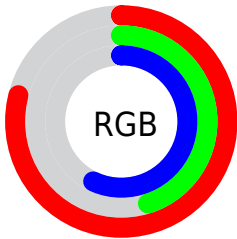
Format	Color
R_{YB}	201, 116, 145
Decimal	13202577
CIE _{Lab}	58.93, 36.91, -1.13
CIE _{LCh}	59, 36.931, 358.250
Yxy	26.9526, 0.3831, 0.2913
Android (android.graphics.Color)	4291392657 (0xFFC97491)
YUV	144.7210, 0.1375, 49.3567
Hunter-Lab	51.9159, 31.0112, 1.9402

Details

The YUV color $144.7210, 0.1375, 49.3567$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $172.2790, -0.1375, -49.3567$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $198.1340, 0.4269, 49.8715$, and $92.3400, 1.3114, 46.1828$ is the 20% darker color. If you saturate the color by 10%, you get $131.4990, 0.2470, 60.9524$, and if you desaturate by 10%, it is $157.9430, 0.0281, 37.7610$.

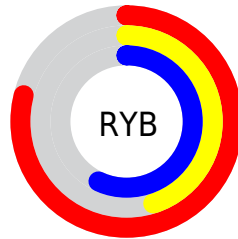
Distribution



Red (79%)

Green (45%)

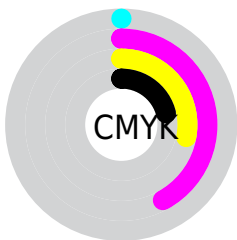
Blue (57%)



Red (79%)

Yellow (45%)

Blue (57%)

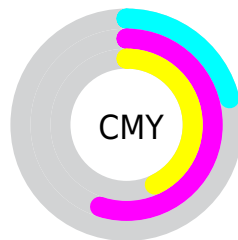


Cyan (0%)

Magenta (42%)

Yellow (28%)

Black (21%)



Cyan (21%)


Magenta (55%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.7210, 0.1375, 49.3567 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 144.7210, 0.1375, 49.3567 by changing the saturation by 10% instead.

 144.7210, 0.1375,
49.3567


 144.7210, 0.1375,
49.3567

255.0000, 0.0000,
0.0000


 118.1230, 0.4324,
48.1271

 198.1340, 0.4269,
49.8715


 92.3400, 1.3114,
46.1828


 217.7620, 4.5543,
32.6577

 66.8560, 2.0430,
44.8533

 237.9770, 8.3923,
14.9292

 40.4260, 4.2270,
44.3534

 22.6270, 2.6489,
37.1611

 13.2700, -6.0491,
26.9502

 0.0000, 0.0000,

0.0000

■ 144.7210, 0.1375,
49.3567

■ 144.7210, 0.1375,
49.3567

■ 131.4990, 0.2470,
60.9524

■ 157.9430, 0.0281,
37.7610

■ 118.2770, 0.3564,
72.5481

■ 171.1650, -0.0813,
26.1653

■ 104.9410, 0.0291,
84.2437

■ 184.5010, 0.2460,
14.4696

■ 91.7190, 0.1385,
95.8394

■ 197.7230, 0.1366,
2.8739

■ 78.4970, 0.2480,
107.4351

■ 211.5320, -0.2623,
-9.2366

■ 67.9650, 0.5103,
116.6717

■ 224.7540, -0.3717,
-20.8323

■ 236.9160, 0.5344,
-31.4983

■ 238.3980, 6.2128,
-32.7980

■ 238.8540, 7.9600,
-33.1980

Harmonies

Analogous

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



145.7970, 14.8901, 30.8730



144.7210, 0.1375, 49.3567



142.8450, -14.7136, 52.7559

Triad

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



144.7210, 0.1375, 49.3567



136.0940, -26.1753, -4.4674



112.7420, 41.0462, -98.8747

Complementary

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



144.7210, 0.1375, 49.3567



172.2790, -0.1375, -49.3567

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.



112.2400, 28.9687, -98.4345



144.7210, 0.1375, 49.3567



131.2780, -11.9691, -34.4468

Square

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



144.7210, 0.1375, 49.3567



139.2930, -31.2034, 21.6680



120.8400, 8.9529, -71.7737



135.1990, 34.9049, -42.2705

Rectangle

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



144.7210, 0.1375, 49.3567



142.2220, -23.2804, 47.1633



120.8400, 8.9529, -71.7737



113.1180, 37.4098, -99.2045

Sweetspot

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



144.7210, 0.1375, 49.3567



233.1210, -0.0597, 19.1879



142.1350, 29.0204, 25.3146



114.0770, -0.0380, 12.2105



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



144.7210, 0.1375, 49.3567



168.8860, 0.0562, 75.5220



149.0460, -16.2917, 45.5637



93.0330, -0.0163, 5.2331



55.1210, 0.4333, 94.6099



12.1320, -0.0651, 20.9322

Inverse Universe

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



144.7210, 0.1375, 49.3567



168.8860, 0.0562, 75.5220



167.9540, 16.2917, -45.5637



93.0330, -0.0163, 5.2331



55.1210, 0.4333, 94.6099



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 144.7210, 0.1375, 49.3567 looks on a white background.

Color Contrast Check

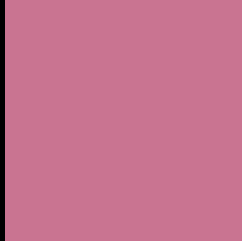
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 144.7210, 0.1375, 49.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

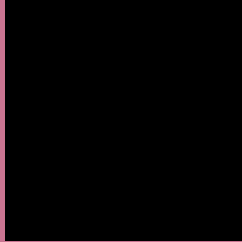
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.7210, 0.1375, 49.3567

Background



This preview shows how black text looks on a background with the YUV color 144.7210, 0.1375, 49.3567.



This preview shows how white text looks on a background with the YUV color 144.7210, 0.1375,

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

144.7210, 0.1375, 49.3567

Protanopia

142.5680, 8.5940, -3.1291

Deuteranopia

143.7240, -1.3429, 10.7661



Tritanopia

143.9460, -7.8614, 48.2824

Trichromacy



Original Color

144.7210, 0.1375, 49.3567

Protanomaly

143.5920, 5.6241, 16.1438

Deuteranomaly

143.9260, -0.9495, 24.6209

Tritanomaly

144.3420, -5.0986, 48.8121

Monochromacy



Original Color

144.7210, 0.1375, 49.3567

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.5230, 0.2352, 17.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.7210, 0.1375, 49.3567 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(201, 116, 145)` looks like.

```
.text, #text, p{  
    color:rgb(201, 116, 145)  
}
```

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(201, 116, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 116, 145) }
```

Border

The CSS property to change the border of an element to YUV 144.7210, 0.1375, 49.3567 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(201, 116, 145) }
```


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

```
.border{ border-color:rgb(201, 116, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 116, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 116, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 116, 145);  
box-shadow:4px 4px 4px 4px rgb(201, 116,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 144.7210, 0.1375, 49.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 116, 145) }
```

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

```
.background{ background-color: rgb(201,  
116, 145) }
```

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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