

Converting Colors

YUV(150.2020, 7.2954, 40.1648)

Have a look what the booklet for
YUV(150.2020, 7.2954, 40.1648)
contains.

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Color

**YUV(150.2020, 7.2954,
40.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	C47CA5
RGB	196, 124, 165
RGB Percent	77%, 49%, 65%
CMY	0.2314, 0.5137, 0.3529
CMYK	0.00, 0.37, 0.16, 0.23
HSL	326°, 38%, 63%
HSV	326°, 37%, 77%
XYZ	36.7641, 28.8677, 39.2316
YIQ	150.2020, 29.7510, 28.0150

Conversions

Conversions Part 2

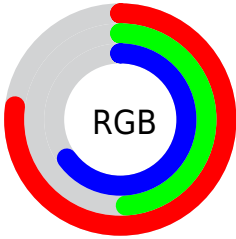
Format	Color
R _Y B	196, 124, 165
Decimal	12876965
CIE Lab	60.66, 33.85, -10.14
CIE LCh	61, 35.339, 343.332
Yxy	28.8677, 0.3506, 0.2753
Android (android.graphics.Color)	4291067045 (0xFFC47CA5)
YUV	150.2020, 7.2954, 40.1648
Hunter-Lab	53.7286, 28.1145, -5.6824

Details

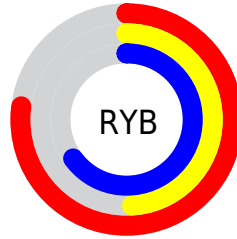
The YUV color **150.2020, 7.2954, 40.1648** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **169.7980, -7.2954, -40.1648**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5120, 7.1426, 42.5240**, and **97.8920, 7.4482, 37.8057** is the 20% darker color. If you saturate the color by 10%, you get **137.5500, 9.5889, 51.2607**, and if you desaturate by 10%, it is **162.8540, 5.0020, 29.0690**.

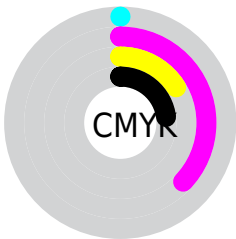
Distribution



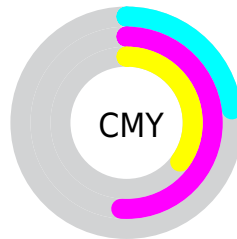
- Red (77%)
- Green (49%)
- Blue (65%)



- Red (77%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (23%)



- Cyan (23%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2020, 7.2954, 40.1648 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 150.2020, 7.2954, 40.1648 by changing the saturation by 10% instead.

150.2020, 7.2954,
40.1648

150.2020, 7.2954,
40.1648

255.0000, 0.0000,
0.0000

123.6040, 7.5902,
38.9353

205.5120, 7.1426,
42.5240

97.8920, 7.4482,
37.8057

224.9660, 11.8488,
26.3398

72.9950, 7.8905,
35.9614

242.6730, 6.0772,
10.8108

48.1090, 8.3273,
35.8614

24.0380, 9.3483,
35.0467

15.4790, 3.7079,
24.1359

0.0000, 0.0000,

0.0000

■ 150.2020, 7.2954,
40.1648

■ 150.2020, 7.2954,
40.1648

■ 137.5500, 9.5889,
51.2607

■ 162.8540, 5.0020,
29.0690

■ 125.3710, 11.1561,
61.9416

■ 175.0330, 3.4347,
18.3881

■ 112.7190, 13.4495,
73.0374

■ 187.6850, 1.1413,
7.2923

■ 100.5400, 15.0168,
83.7184

■ 199.8640, -0.4260,
-3.3887

■ 87.8880, 17.3102,
94.8142

■ 212.5160, -2.7194,
-14.4845

■ 75.1220, 19.1669,
106.0100

■ 225.2820, -4.5760,
-25.6803

■ 71.3720, 20.0296,
109.2988

■ 233.8250, -4.8437,
-33.1725

■ 234.8510, -0.9125,
-34.0723

■ 235.7630, 2.5818,
-34.8722

Harmonies

Analogous

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



149.8920, 20.7592, 15.0037



150.2020, 7.2954, 40.1648



148.6690, -7.7248, 51.1563

Triad

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



150.2020, 7.2954, 40.1648



142.9000, -28.5447, 8.8577



115.9390, 35.5261, -101.6785

Complementary

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



150.2020, 7.2954, 40.1648



169.7980, -7.2954, -40.1648

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.



120.4990, 19.4740, -86.3836



150.2020, 7.2954, 40.1648



138.8410, -19.1486, -18.2776

Square

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



150.2020, 7.2954, 40.1648



145.3420, -28.7626, 32.1491



132.8940, -2.9057, -48.1420



133.8010, 35.1011, -58.5845

Rectangle

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



150.2020, 7.2954, 40.1648



147.6660, -16.5973, 50.2819



132.8940, -2.9057, -48.1420



115.6140, 31.7423, -101.3935

Sweetspot

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



150.2020, 7.2954, 40.1648



237.1960, 2.8614, 15.6141



141.1780, 27.0272, 11.2449



117.1090, 1.4253, 9.5514



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.



150.2020, 7.2954, 40.1648



183.7840, 11.4455, 62.4564



146.2120, -7.9925, 43.6641



90.6740, 1.1467, 5.5479



58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881

Inverse Universe

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



150.2020, 7.2954, 40.1648



183.7840, 11.4455, 62.4564



173.7880, 7.9925, -43.6641



90.6740, 1.1467, 5.5479



58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 150.2020, 7.2954, 40.1648 looks on a white background.

Color Contrast Check

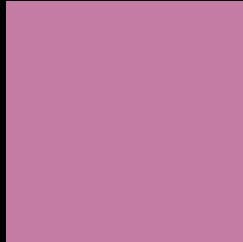
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.2020, 7.2954, 40.1648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

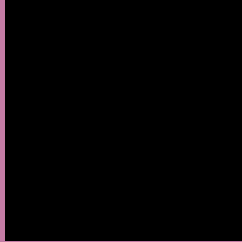
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.2020, 7.2954, 40.1648

Background



This preview shows how black text looks on a background with the YUV color 150.2020, 7.2954, 40.1648.



This preview shows how white text looks on a background with the YUV color 150.2020, 7.2954,

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

150.2020, 7.2954, 40.1648

Protanopia

147.0820, 15.7356, -7.0879

Deuteranopia

148.4550, 6.6777, 4.8630



Tritanopia

149.2760, -5.0661, 38.3459

Trichromacy



Original Color

150.2020, 7.2954, 40.1648

Protanomaly

148.0950, 12.7712, 10.4407

Deuteranomaly

148.9450, 6.9291, 17.5882

Tritanomaly

149.4270, -0.7035, 39.0905

Monochromacy



Original Color

150.2020, 7.2954, 40.1648

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.3700, 2.2826, 14.5845

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2020, 7.2954, 40.1648 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(196, 124, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 124, 165)  
}
```

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(196, 124, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 124, 165) }
```

Border

The CSS property to change the border of an element to YUV 150.2020, 7.2954, 40.1648 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(196, 124, 165) }
```


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

```
.border{ border-color:rgb(196, 124, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 124, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 124, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 124, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 124,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 150.2020, 7.2954, 40.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 124, 165) }
```

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

```
.background{ background-color: rgb(196,  
124, 165) }
```

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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