

Converting Colors

YUV(164.3550, 25.4610,
47.0467)

Have a look what the booklet for
YUV(164.3550, 25.4610, 47.0467)
contains.

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Color

**YUV(164.3550, 25.4610,
47.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7FD8
RGB	218, 127, 216
RGB Percent	85%, 50%, 85%
CMY	0.1451, 0.5020, 0.1529
CMYK	0.00, 0.42, 0.01, 0.15
HSL	301°, 55%, 68%
HSV	301°, 42%, 85%
XYZ	48.8975, 35.0420, 69.1524
YIQ	164.3550, 25.6670, 46.9710

Conversions

Conversions Part 2

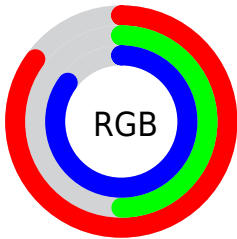
Format	Color
R _Y B	218, 127, 216
Decimal	14319576
CIE Lab	65.78, 48.13, -30.91
CIE LCh	66, 57.204, 327.290
Yxy	35.0420, 0.3194, 0.2289
Android (android.graphics.Color)	4292509656 (0xFFDA7FD8)
YUV	164.3550, 25.4610, 47.0467
Hunter-Lab	59.1963, 43.8514, -27.8244

Details

The YUV color **164.3550, 25.4610, 47.0467** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.6450, -25.4610, -47.0467**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **109.9310, 25.1770, 44.7875** is the 20% darker color. If you saturate the color by 10%, you get **151.4410, 31.8276, 58.3722**, and if you desaturate by 10%, it is **177.2690, 19.0944, 35.7211**.

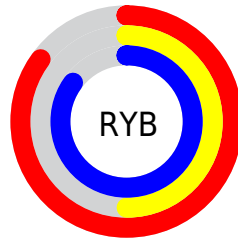
Distribution



Red (85%)

Green (50%)

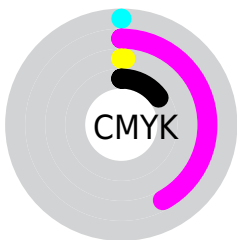
Blue (85%)



Red (85%)

Yellow (50%)

Blue (85%)

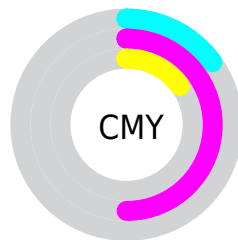


Cyan (0%)

Magenta (42%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (50%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3550, 25.4610, 47.0467 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 164.3550, 25.4610, 47.0467 by changing the saturation by 10% instead.

164.3550, 25.4610,
47.0467

164.3550, 25.4610,
47.0467

255.0000, 0.0000,
0.0000

136.6430, 25.3190,
45.9171

212.1490, 21.1255,
37.5803

109.9310, 25.1770,
44.7875

228.5850, 13.0226,
23.1660

83.5180, 24.8876,
44.2727

245.6080, 4.6303,
8.2368

54.9850, 26.6294,
45.6172

33.7950, 24.7511,
41.3988

23.6980, 18.3899,
28.3289

13.9000, 11.8813,

15.8737

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 164.3550, 25.4610,
47.0467

■ 164.3550, 25.4610,
47.0467

■ 151.4410, 31.8276,
58.3722

■ 177.2690, 19.0944,
35.7211

■ 138.4130, 37.7574,
69.7978


■ 190.2970, 13.1646,
24.2955

■ 126.0860, 43.8346,
80.6086


■ 202.6240, 7.0874,
13.4848


■ 113.0580, 49.7644,
92.0341

■ 215.6520, 1.1576,
2.0592

 100.1440, 56.1310,
103.3597

 228.5660, -5.2090,
-9.2664

 89.4640, 60.9032,
112.7261

 239.8330,
-10.2707, -19.1475

 239.9470, -9.8339,
-19.2475

Harmonies

Analogous

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



161.5360, 44.1058, -6.6091



164.3550, 25.4610, 47.0467



160.7060, 3.1029, 78.3108

Triad

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



164.3550, 25.4610, 47.0467



154.6800, -51.6072, 32.7296



131.3780, 36.2956, -115.2185

Complementary

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



164.3550, 25.4610, 47.0467



180.6450, -25.4610, -47.0467

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.



126.0370, 13.2928, -110.5344



164.3550, 25.4610, 47.0467



149.6040, -43.1888, -7.5457

Square

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



164.3550, 25.4610, 47.0467



157.3370, -41.0851, 64.6025



138.8160, -18.1503, -58.5976



133.0030, 55.2145, -116.6436

Rectangle

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



164.3550, 25.4610, 47.0467



158.4990, -13.0640, 83.7544



138.8160, -18.1503, -58.5976



130.1410, 29.0175, -114.1337

Sweetspot

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



164.3550, 25.4610, 47.0467



235.5150, 9.1131, 17.0883



137.9720, 39.4538, -7.8684



115.5590, 5.6404, 10.9108



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.



164.3550, 25.4610, 47.0467



180.1090, 35.4423, 65.6794



159.2250, 5.8051, 51.5457



103.4290, 2.7465, 5.7628



71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Inverse Universe

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



164.3550, 25.4610, 47.0467



180.1090, 35.4423, 65.6794



185.7750, -5.8051, -51.5457



103.4290, 2.7465, 5.7628



71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 164.3550, 25.4610, 47.0467 looks on a white background.

Color Contrast Check

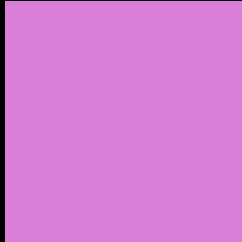
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 164.3550, 25.4610, 47.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

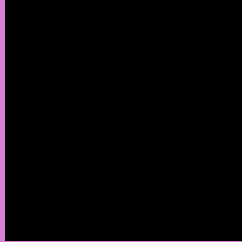
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.3550, 25.4610, 47.0467

Background



This preview shows how black text looks on a background with the YUV color 164.3550, 25.4610, 47.0467.



This preview shows how white text looks on a background with the YUV color 164.3550, 25.4610,

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

164.3550, 25.4610, 47.0467

Protanopia

158.9870, 39.9394, -23.6676

Deuteranopia

160.9380, 24.1876, -11.3466



Tritanopia

162.8850, -5.3663, 41.3199

Trichromacy



Original Color

164.3550, 25.4610, 47.0467



Protanomaly

160.7730, 34.6219, 1.9531



Deuteranomaly

162.1840, 24.5593, 9.4856



Tritanomaly

163.4690, 5.6848, 43.4387

Monochromacy



Original Color

164.3550, 25.4610, 47.0467



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.5150, 9.1131, 17.0883

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3550, 25.4610, 47.0467 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(218, 127, 216)` looks like.

```
.text, #text, p{  
    color:rgb(218, 127, 216)  
}
```

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(218, 127, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 127, 216) }
```

Border

The CSS property to change the border of an element to YUV 164.3550, 25.4610, 47.0467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

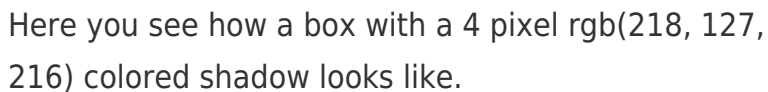
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 127, 216) }
```


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

```
.border{ border-color:rgb(218, 127, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 127, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 127, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 127, 216); box-shadow:4px 4px 4px 4px rgb(218, 127, 216) }
```

Background

The CSS property to change the background color of an element to YUV 164.3550, 25.4610, 47.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 127, 216) }
```

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

```
.background{ background-color: rgb(218,  
127, 216) }
```

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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