

Converting Colors

YUV(149.1430, 30.4955,
65.6496)

Have a look what the booklet for
YUV(149.1430, 30.4955, 65.6496)
contains.

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Color

**YUV(149.1430, 30.4955,
65.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	E063D3
RGB	224, 99, 211
RGB Percent	88%, 39%, 83%
CMY	0.1216, 0.6118, 0.1725
CMYK	0.00, 0.56, 0.06, 0.12
HSL	306°, 67%, 63%
HSV	306°, 56%, 88%
XYZ	46.9602, 29.4741, 64.8420
YIQ	149.1430, 38.5480, 61.3320

Conversions

Conversions Part 2

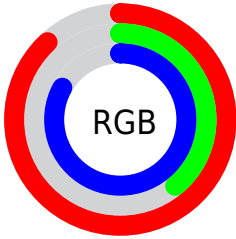
Format	Color
R_{YB}	224, 99, 211
Decimal	14705619
CIE _{Lab}	61.20, 62.53, -35.17
CIE _{LCh}	61, 71.737, 330.646
Yxy	29.4741, 0.3324, 0.2086
Android (android.graphics.Color)	4292895699 (0xFFE063D3)
YUV	149.1430, 30.4955, 65.6496
Hunter-Lab	54.2901, 59.3925, -32.8107

Details

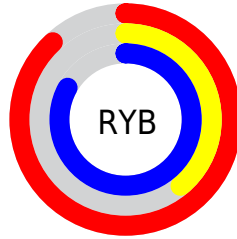
The YUV color **149.1430, 30.4955, 65.6496** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **173.8570, -30.4955, -65.6496**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3000, 28.9391, 51.4799**, and **90.8980, 32.0953, 65.8645** is the 20% darker color. If you saturate the color by 10%, you get **136.0010, 35.9885, 77.1751**, and if you desaturate by 10%, it is **162.2850, 25.0025, 54.1241**.

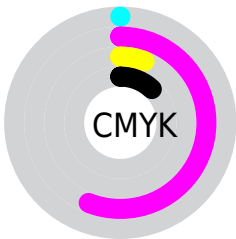
Distribution



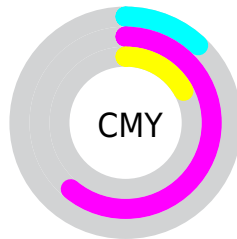
- Red (88%)
- Green (39%)
- Blue (83%)



- Red (88%)
- Yellow (39%)
- Blue (83%)



- Cyan (0%)
- Magenta (56%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (61%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1430, 30.4955, 65.6496 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 149.1430, 30.4955, 65.6496 by changing the saturation by 10% instead.

149.1430, 30.4955,
65.6496

149.1430, 30.4955,
65.6496

255.0000, 0.0000,
0.0000

120.8440, 30.6429,
65.0348

196.3000, 28.9391,
51.4799

90.8980, 32.0953,
65.8645

213.3230, 20.5468,
36.5507

56.0820, 36.4416,
71.8421

230.3460, 12.1544,
21.6216

44.7460, 29.2122,
57.2278

247.3690, 3.7621,
6.6924

33.9370, 22.7091,
43.0283

23.7260, 15.9111,
30.0583

12.5470, 10.5763,

14.4293

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 149.1430, 30.4955,
65.6496

■ 149.1430, 30.4955,
65.6496

■ 136.0010, 35.9885,
77.1751

■ 162.2850, 25.0025,
54.1241

■ 122.1580, 41.3341,
89.3154

■ 176.1280, 19.6569,
41.9837

■ 109.0160, 46.8271,
100.8410

■ 189.2700, 14.1639,
30.4582

■ 95.2870, 52.6095,
112.8813

■ 202.9990, 8.3815,
18.4179

89.8900, 54.7772,
117.6145

216.2550, 3.3253,
6.7924

229.3970, -2.1677,
-4.7332

242.5390, -7.6607,
-16.2587

242.8810, -6.3503,
-16.5586

243.1090, -5.4767,
-16.7586

Harmonies

Analogous

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



149.0340, 52.2412, -2.6608



149.1430, 30.4955, 65.6496



139.6040, 4.6322, 101.2023

Triad

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



149.1430, 30.4955, 65.6496



137.7390, -67.9053, 33.5549



127.3660, 41.2316, -111.7000

Complementary

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



149.1430, 30.4955, 65.6496



173.8570, -30.4955, -65.6496

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.



120.0700, 13.2765, -105.3014



149.1430, 30.4955, 65.6496



129.8360, -58.5861, -15.6422

Square

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



149.1430, 30.4955, 65.6496



140.9070, -55.6632, 73.7496



110.3120, -13.9578, -96.7436



128.8600, 62.1870, -113.0102

Rectangle

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



149.1430, 30.4955, 65.6496



137.7510, -15.1602, 102.8274



110.3120, -13.9578, -96.7436



125.6730, 32.2062, -110.2152

Sweetspot

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



149.1430, 30.4955, 65.6496



229.1890, 10.2598, 22.6362



116.8380, 52.8309, -5.1199



112.3960, 6.2138, 13.6847



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.



149.1430, 30.4955, 65.6496



152.5710, 41.6235, 89.8302



142.0750, 3.4140, 71.8482



105.4290, 2.7465, 5.7628



70.6360, 43.0705, 92.4042



19.2540, 11.7068, 25.2102

Inverse Universe

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



149.1430, 30.4955, 65.6496



152.5710, 41.6235, 89.8302



180.9250, -3.4140, -71.8482



105.4290, 2.7465, 5.7628



70.6360, 43.0705, 92.4042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 149.1430, 30.4955, 65.6496 looks on a white background.

Color Contrast Check

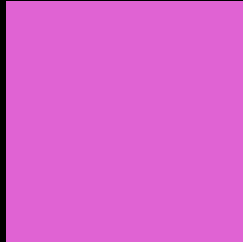
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.1430, 30.4955, 65.6496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

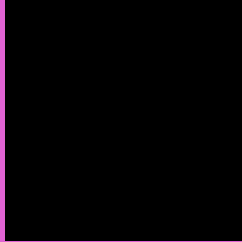
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.1430, 30.4955, 65.6496

Background



This preview shows how black text looks on a background with the YUV color 149.1430, 30.4955, 65.6496.



This preview shows how white text looks on a background with the YUV color 149.1430, 30.4955,

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

149.1430, 30.4955, 65.6496

Protanopia

144.7110, 51.9075, -35.7035

Deuteranopia

148.0130, 27.1086, -14.9204



Tritanopia

149.4310, -10.0725, 57.5040

Trichromacy



Original Color

149.1430, 30.4955, 65.6496



Protanomaly

146.2920, 44.2260, 1.4979



Deuteranomaly

148.5420, 28.3268, 14.4337



Tritanomaly

149.0520, 4.9044, 60.4674

Monochromacy



Original Color

149.1430, 30.4955, 65.6496



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1290, 11.2754, 23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1430, 30.4955, 65.6496 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(224, 99, 211)` looks like.

```
.text, #text, p{  
    color:rgb(224, 99, 211)  
}
```

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(224, 99, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 99, 211) }
```

Border

The CSS property to change the border of an element to YUV 149.1430, 30.4955, 65.6496 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(224, 99, 211) }
```


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

```
.border{ border-color:rgb(224, 99, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 99, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 99, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 99, 211);  
box-shadow:4px 4px 4px 4px rgb(224, 99,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 149.1430, 30.4955, 65.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 99, 211) }
```

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

```
.background{ background-color: rgb(224, 99,  
211) }
```

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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