

Converting Colors

YUV(150.5360, 24.3858,
65.3049)

Have a look what the booklet for
YUV(150.5360, 24.3858, 65.3049)
contains.

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Color

**YUV(150.5360, 24.3858,
65.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	E167C8
RGB	225, 103, 200
RGB Percent	88%, 40%, 78%
CMY	0.1176, 0.5961, 0.2157
CMYK	0.00, 0.54, 0.11, 0.12
HSL	312°, 67%, 64%
HSV	312°, 54%, 88%
XYZ	46.3269, 29.8782, 57.9689
YIQ	150.5360, 41.5750, 56.0310

Conversions

Conversions Part 2

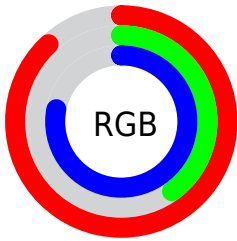
Format	Color
R _{YB}	225, 103, 200
Decimal	14772168
CIE _{Lab}	61.55, 59.23, -28.39
CIE _{LCh}	62, 65.682, 334.389
Yxy	29.8782, 0.3453, 0.2227
Android (android.graphics.Color)	4292962248 (0xFFE167C8)
YUV	150.5360, 24.3858, 65.3049
Hunter-Lab	54.6609, 55.6279, -24.6155

Details

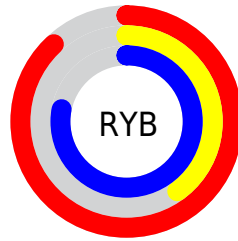
The YUV color **150.5360, 24.3858, 65.3049** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **177.4640, -24.3858, -65.3049**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **93.5790, 25.8436, 64.3902** is the 20% darker color. If you saturate the color by 10%, you get **137.0520, 28.5684, 77.1304**, and if you desaturate by 10%, it is **164.6070, 19.9137, 52.9647**.

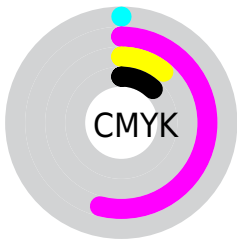
Distribution



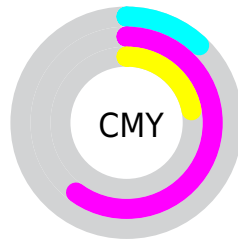
- Red (88%)
- Green (40%)
- Blue (78%)



- Red (88%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)
- Black (12%)





- Cyan (12%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.5360, 24.3858, 65.3049 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 150.5360, 24.3858, 65.3049 by changing the saturation by 10% instead.


 150.5360, 24.3858,
65.3049


 150.5360, 24.3858,
65.3049


255.0000, 0.0000,
0.0000


 122.3510, 24.9700,
64.5902


 198.6480, 27.7815,
49.4207


 93.5790, 25.8436,
64.3902


 215.0840, 19.6786,
35.0063


 57.0020, 31.0580,
71.9122

 232.1070, 11.2862,
20.0772

 44.0190, 25.1336,
58.7423

 249.1300, 2.8939,
5.1480

 33.2100, 18.6305,
44.5428

 23.1130, 12.2693,
31.4729

 11.9340, 6.9345,

15.8439

■ 0.0000, 0.0000,
0.0000

■ 150.5360, 24.3858,
65.3049

■ 150.5360, 24.3858,
65.3049

■ 137.0520, 28.5684,
77.1304

■ 164.6070, 19.9137,
52.9647

■ 123.0950, 33.4772,
89.3707

■ 177.9770, 15.2943,
41.2392

■ 109.6110, 37.6598,
101.1962

■ 192.0480, 10.8223,
28.8989

■ 95.6540, 42.5686,
113.4364

■ 205.4180, 6.2029,
17.1734

■ 87.6810, 45.0203,
120.4288

■ 219.4890, 1.7309,
4.8331

■ 232.9730, -2.4517,
-6.9923

■ 243.4080, -5.6241,
-16.1438

■ 243.9780, -3.4402,
-16.6437

■ 244.4340, -1.6930,
-17.0436

Harmonies

Analogous

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



151.4930, 46.0990, 7.4606



150.5360, 24.3858, 65.3049



144.4800, -0.7296, 94.2950

Triad

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



150.5360, 24.3858, 65.3049



137.9940, -68.0310, 27.1923



127.0070, 42.3945, -111.3851

Complementary

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



150.5360, 24.3858, 65.3049



177.4640, -24.3858, -65.3049

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.



121.0960, 17.2077, -106.2012



150.5360, 24.3858, 65.3049



133.5330, -45.6188, -21.5154

Square

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



150.5360, 24.3858, 65.3049



143.3510, -52.4310, 63.7132



111.9080, -7.8426, -98.1433



127.4580, 61.8922, -111.7807

Rectangle

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



150.5360, 24.3858, 65.3049



143.2570, -19.3537, 94.4906



111.9080, -7.8426, -98.1433



125.5420, 34.2428, -110.1003

Sweetspot

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



150.5360, 24.3858, 65.3049



230.0210, 8.3706, 21.9066



124.0840, 49.7516, 2.5573



112.7550, 5.0508, 13.3699



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.



150.5360, 24.3858, 65.3049



153.6820, 33.1878, 88.8559



143.6960, -1.8221, 71.3036



105.3150, 2.3097, 5.8627



68.5840, 35.2081, 94.2038



18.7980, 9.9596, 25.6102

Inverse Universe

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



150.5360, 24.3858, 65.3049



153.6820, 33.1878, 88.8559



184.3040, 1.8221, -71.3036



105.3150, 2.3097, 5.8627



68.5840, 35.2081, 94.2038



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 150.5360, 24.3858, 65.3049 looks on a white background.

Color Contrast Check

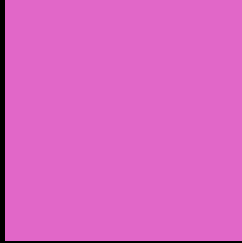
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.5360, 24.3858, 65.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

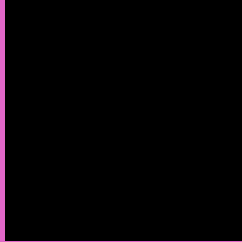
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.5360, 24.3858, 65.3049

Background



This preview shows how black text looks on a background with the YUV color 150.5360, 24.3858, 65.3049.



This preview shows how white text looks on a background with the YUV color 150.5360, 24.3858,

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

150.5360, 24.3858, 65.3049

Protanopia

147.0620, 42.8604, -27.2414

Deuteranopia

149.5640, 21.4139, -8.3876



Tritanopia

150.0290, -10.3673, 58.7336

Trichromacy



Original Color

150.5360, 24.3858, 65.3049



Protanomaly

148.2620, 36.3528, 6.7862



Deuteranomaly

149.7830, 22.7850, 18.6073



Tritanomaly

150.3680, 2.2836, 61.0673

Monochromacy



Original Color

150.5360, 24.3858, 65.3049



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.1460, 8.8020, 23.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5360, 24.3858, 65.3049 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(225, 103, 200)` looks like.

```
.text, #text, p{  
    color:rgb(225, 103, 200)  
}
```

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(225, 103, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 103, 200) }
```

Border

The CSS property to change the border of an element to YUV 150.5360, 24.3858, 65.3049 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(225, 103, 200) }
```


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

```
.border{ border-color:rgb(225, 103, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 103, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 103, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 103, 200);  
box-shadow:4px 4px 4px 4px rgb(225, 103,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 150.5360, 24.3858, 65.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 103, 200) }
```

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

```
.background{ background-color: rgb(225,  
103, 200) }
```

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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