

Converting Colors

YUV(116.6450, -7.7130,
94.1503)

Have a look what the booklet for
YUV(116.6450, -7.7130, 94.1503)
contains.

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Color

**YUV(116.6450, -7.7130,
94.1503)**

Conversions

Conversions Part 1

Format	Color
Hex	E04165
RGB	224, 65, 101
RGB Percent	88%, 25%, 40%
CMY	0.1216, 0.7451, 0.6039
CMYK	0.00, 0.71, 0.55, 0.12
HSL	346°, 72%, 57%
HSV	346°, 71%, 88%
XYZ	34.9797, 20.5675, 14.4382
YIQ	116.6450, 83.2080, 44.9040

Conversions

Conversions Part 2

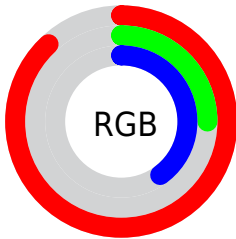
Format	Color
R_{YB}	224, 65, 101
Decimal	14696805
CIE _{Lab}	52.47, 63.17, 16.07
CIE _{LCh}	52, 65.183, 14.272
Yxy	20.5675, 0.4998, 0.2939
Android (android.graphics.Color)	4292886885 (0xFFE04165)
YUV	116.6450, -7.7130, 94.1503
Hunter-Lab	45.3514, 58.3130, 12.8702

Details

The YUV color **116.6450, -7.7130, 94.1503** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **172.3550, 7.7130, -94.1503**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7740, -6.7906, 78.2512**, and **54.7080, 0.1440, 94.0951** is the 20% darker color. If you saturate the color by 10%, you get **101.7930, -8.7719, 107.1755**, and if you desaturate by 10%, it is **131.4970, -6.6540, 81.1251**.

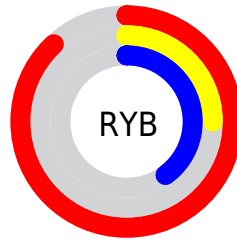
Distribution



Red (88%)

Green (25%)

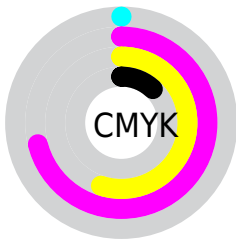
Blue (40%)



Red (88%)

Yellow (25%)

Blue (40%)

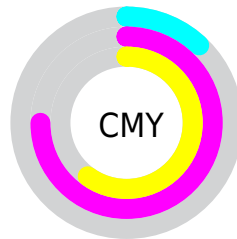


Cyan (0%)

Magenta (71%)

Yellow (55%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.6450, -7.7130, 94.1503 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 116.6450, -7.7130, 94.1503 by changing the saturation by 10% instead.


 116.6450, -7.7130,
94.1503


 116.6450, -7.7130,
94.1503


255.0000, 0.0000,
0.0000

 84.0950, -3.4978,
95.5097


 165.7740, -6.7906,
78.2512


 54.7080, 0.1440,
94.0951


 185.7610, -3.8262,
60.7226


 43.3440, -4.6066,
77.7513


 205.9760, 0.0118,
42.9940

 31.8660, -9.7939,
61.5075

 226.1910, 3.8498,
25.2655

 22.0550, -9.8871,
44.6788

 246.1950, 4.3409,
7.7220

 12.9710, -5.9017,
26.3354

 0.0000, 0.0000,

0.0000

■ 116.6450, -7.7130,
94.1503

■ 116.6450, -7.7130,
94.1503

■ 101.7930, -8.7719,
107.1755

■ 131.4970, -6.6540,
81.1251

■ 86.2400, -9.9783,
120.8155

■ 147.0500, -5.4476,
67.4852

■ 72.7900, -10.7425,
132.6112

■ 161.9020, -4.3887,
54.4599

■ 177.3410, -3.6191,
40.9199

■ 192.3070, -2.1234,
27.7948

■ 207.1590, -1.0644,
14.7696

■ 222.5980, -0.2948,
1.2296

■ 237.5640, 1.2009,
-11.8956

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



122.3650, 17.0751, 76.8559



116.6450, -7.7130, 94.1503



118.7440, -34.8768, 80.0315

Triad

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



116.6450, -7.7130, 94.1503



105.2730, -34.6446, -41.4584



108.7420, 61.2592, -95.3667

Complementary

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



116.6450, -7.7130, 94.1503



172.3550, 7.7130, -94.1503

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.



110.0180, 45.8401, -96.4858



116.6450, -7.7130, 94.1503



98.0650, -2.4970, -86.0030

Square

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



116.6450, -7.7130, 94.1503



114.5710, -56.4835, 10.0232



105.8510, 22.2585, -92.8313



111.2500, 61.0087, -61.6093

Rectangle

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



116.6450, -7.7130, 94.1503



118.1720, -54.3148, 61.2392



105.8510, 22.2585, -92.8313



110.2920, 57.0440, -96.7261

Sweetspot

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



116.6450, -7.7130, 94.1503



218.6280, -2.2816, 31.8982



119.6040, 51.4672, 59.1063



106.3660, -1.6594, 18.9730



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.



116.6450, -7.7130, 94.1503



108.4690, -10.5842, 128.5077



137.1950, -35.5921, 76.1280



104.6310, -0.3111, 6.4626



57.1840, -8.4717, 104.2016



15.6060, -2.2708, 28.4095

Inverse Universe

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



116.6450, -7.7130, 94.1503



108.4690, -10.5842, 128.5077



151.8050, 35.5921, -76.1280



104.6310, -0.3111, 6.4626



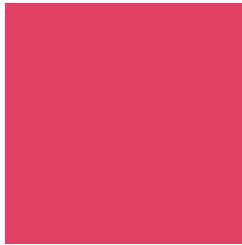
57.1840, -8.4717, 104.2016



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 116.6450, -7.7130, 94.1503 looks on a white background.

Color Contrast Check

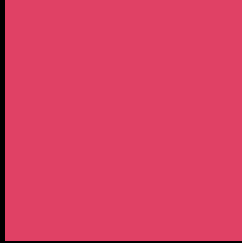
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.6450, -7.7130, 94.1503 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 116.6450, -7.7130, 94.1503

Background



This preview shows how black text looks on a background with the YUV color 116.6450, -7.7130, 94.1503.



This preview shows how white text looks on a background with the YUV color 116.6450, -7.7130,

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

116.6450, -7.7130, 94.1503

Protanopia

125.9830, 2.4734, 0.0149

Deuteranopia

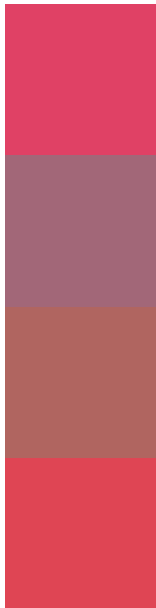
125.8810, -16.2103, 19.3984



Tritanopia

116.7900, -21.0955, 93.1462

Trichromacy



Original Color

116.6450, -7.7130, 94.1503

Protanomaly

122.5790, -1.2714, 34.5722

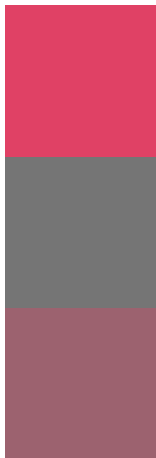
Deuteranomaly

122.8550, -13.2395, 46.6082

Tritanomaly

116.7560, -16.1487, 93.1760

Monochromacy



Original Color

116.6450, -7.7130, 94.1503

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8240, -2.8712, 34.3574

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6450, -7.7130, 94.1503 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, 65, 101)` looks like.

```
.text, #text, p{  
    color:rgb(224, 65, 101)  
}
```

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, 65, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 65, 101) }
```

Border

The CSS property to change the border of an element to YUV 116.6450, -7.7130, 94.1503 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, 65, 101) }
```


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

```
.border{ border-color:rgb(224, 65, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 65, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 65, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 65, 101);  
box-shadow:4px 4px 4px 4px rgb(224, 65,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 116.6450, -7.7130, 94.1503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 65, 101) }
```

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

```
.background{ background-color: rgb(224, 65,  
101) }
```

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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