

Converting Colors

YUV(78.3610, 6.7240, 130.3564)

Have a look what the booklet for
YUV(78.3610, 6.7240, 130.3564)
contains.

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Color

**YUV(78.3610, 6.7240,
130.3564)**

Conversions

Conversions Part 1

Format	Color
Hex	E3005C
RGB	227, 0, 92
RGB Percent	89%, 0%, 36%
CMY	0.1098, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.59, 0.11
HSL	336°, 100%, 45%
HSV	336°, 100%, 89%
XYZ	33.6103, 17.1036, 11.6551
YIQ	78.3610, 105.7600, 76.7360

Conversions

Conversions Part 2

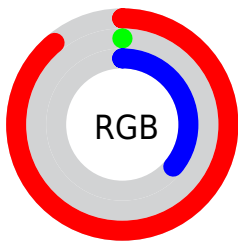
Format	Color
RYB	227, 0, 92
Decimal	14876764
CIELab	48.39, 76.03, 16.06
CIElCh	48, 77.707, 11.925
Yxy	17.1036, 0.5389, 0.2742
Android (android.graphics.Color)	4293066844 (0xFFE3005C)
YUV	78.3610, 6.7240, 130.3564
Hunter-Lab	41.3565, 72.6926, 12.2405

Details

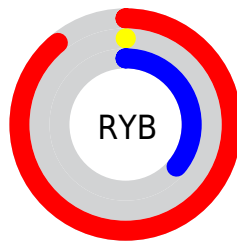
The YUV color **78.3610, 6.7240, 130.3564** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **148.6390, -6.7240, -130.3564**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4370, -2.1874, 95.2098**, and **54.3940, -3.6452, 96.1245** is the 20% darker color. If you saturate the color by 10%, you get **78.3610, 6.7240, 130.3564**, and if you desaturate by 10%, it is **93.3440, 5.7464, 117.2163**.

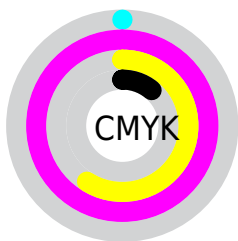
Distribution



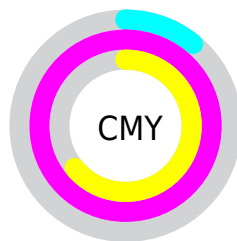
- Red (89%)
- Green (0%)
- Blue (36%)



- Red (89%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (11%)





- Cyan (11%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.3610, 6.7240, 130.3564 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 78.3610, 6.7240, 130.3564 by changing the saturation by 10% instead.


 78.3610, 6.7240,
130.3564

 78.3610, 6.7240,
130.3564


255.0000, 0.0000,
0.0000

 66.1710, 1.3947,
112.9830


 146.4370, -2.1874,
95.2098


 54.3940, -3.6452,
96.1245


 167.5980, 0.1982,
76.6516


 42.5460, -7.6642,
78.4512


 188.2860, 3.3100,
58.5082

 30.7260, -14.1619,
62.5073

 209.0880, 6.8586,
40.2648

 21.9840, -8.8661,
43.8640

 230.0040, 10.8440,
21.9215

 11.7750, -5.3121,
23.8763

 247.9560, 3.4727,

 0.0000, 0.0000,

6.1776

0.0000

■ 78.3610, 6.7240,
130.3564

■ 93.3440, 5.7464,
117.2163

■ 107.8540, 5.4950,
104.4910

■ 122.8370, 4.5174,
91.3510

■ 137.9340, 3.9765,
78.1109

■ 152.9170, 2.9989,
64.9708

■ 167.4270, 2.7475,
52.2455

■ 182.4100, 1.7699,
39.1054

■ 197.5070, 1.2290,
25.8654

■ 211.9030, 0.5408,
13.2401

Harmonies

Analogous

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



99.7600, 28.2193, 95.8035



78.3610, 6.7240, 130.3564



100.8000, -36.3834, 96.6454

Triad

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



78.3610, 6.7240, 130.3564



86.1330, -42.4636, -53.6136



106.1320, 66.4899, -93.0778

Complementary

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



78.3610, 6.7240, 130.3564



148.6390, -6.7240, -130.3564

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.



105.7950, 47.4291, -92.7822



78.3610, 6.7240, 130.3564



90.2740, -9.5021, -79.1703

Square

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



78.3610, 6.7240, 130.3564



105.1240, -51.8261, 9.5383



99.3140, 20.0582, -87.0984



95.4350, 73.7355, -83.6965

Rectangle

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



78.3610, 6.7240, 130.3564



106.3950, -52.4527, 70.6906



99.3140, 20.0582, -87.0984



106.8670, 61.6906, -93.7224

Sweetspot

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



78.3610, 6.7240, 130.3564



205.2580, 2.3378, 43.6237



65.3460, 79.6954, 58.4556



97.8060, 1.0816, 26.4801



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.



78.3610, 6.7240, 130.3564



87.9870, 7.4014, 146.4704



79.0260, -38.9598, 129.7732



107.1580, 0.4151, 6.8774



61.7290, 5.0636, 102.8467



17.6430, 1.6550, 29.2541

Inverse Universe

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



78.3610, 6.7240, 130.3564



87.9870, 7.4014, 146.4704



147.9740, 38.9598, -129.7732



107.1580, 0.4151, 6.8774



61.7290, 5.0636, 102.8467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 78.3610, 6.7240, 130.3564 looks on a white 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

Black Background



This preview shows how the YUV color 78.3610, 6.7240, 130.3564 looks on a black 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

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

YUV 78.3610, 6.7240, 130.3564

Background



This preview shows how black text looks on a background with the YUV color 78.3610, 6.7240, 130.3564.

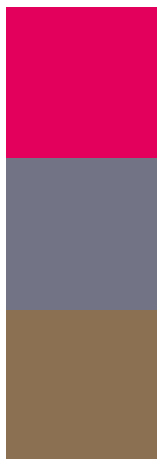


This preview shows how white text looks on a background with the YUV color 78.3610, 6.7240,

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

78.3610, 6.7240, 130.3564

Protanopia

117.4540, 8.1572, -3.0292

Deuteranopia

116.6530, -17.0839, 19.5983



Tritanopia

92.9840, -28.5861, 115.7780

Trichromacy



Original Color

78.3610, 6.7240, 130.3564



Protanomaly

103.3490, 7.7159, 45.2979



Deuteranomaly

102.6100, -8.1887, 59.9780



Tritanomaly

88.0460, -15.7987, 120.9857

Monochromacy



Original Color

78.3610, 6.7240, 130.3564



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

78.2800, 2.3270, 47.1124

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3610, 6.7240, 130.3564 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(227, 0, 92)` looks like.

```
.text, #text, p{  
  color:rgb(227, 0, 92)  
}
```

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(227, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 92) }
```

Border

The CSS property to change the border of an element to YUV 78.3610, 6.7240, 130.3564 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(227, 0, 92) }
```


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

```
.border{ border-color:rgb(227, 0, 92) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(227, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.3610, 6.7240, 130.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 92) }
```

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

```
.background{ background-color: rgb(227, 0,  
92) }
```

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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