

Converting Colors

YUV(99.6260, -12.1406,
114.3380)

Have a look what the booklet for
YUV(99.6260, -12.1406, 114.3380)
contains.

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Color

**YUV(99.6260, -12.1406,
114.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	E6264B
RGB	230, 38, 75
RGB Percent	90%, 15%, 29%
CMY	0.0980, 0.8510, 0.7059
CMYK	0.00, 0.83, 0.67, 0.10
HSL	348°, 79%, 53%
HSV	348°, 83%, 90%
XYZ	34.5962, 18.7172, 8.4460
YIQ	99.6260, 102.5550, 52.2110

Conversions

Conversions Part 2

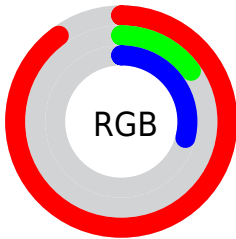
Format	Color
R_{YB}	230, 38, 75
Decimal	15083083
CIE _{Lab}	50.35, 70.99, 29.11
CIE _{LCh}	50, 76.724, 22.297
Yxy	18.7172, 0.5602, 0.3031
Android (android.graphics.Color)	4293273163 (0xFFE6264B)
YUV	99.6260, -12.1406, 114.3380
Hunter-Lab	43.2634, 67.0293, 18.7097

Details

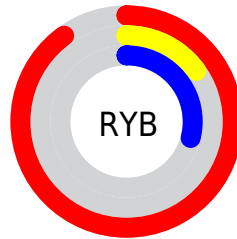
The YUV color **99.6260, -12.1406, 114.3380** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **168.3740, 12.1406, -114.3380**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0160, -13.8119, 90.3170**, and **53.2820, -10.4920, 98.8537** is the 20% darker color. If you saturate the color by 10%, you get **83.9590, -13.7838, 128.0780**, and if you desaturate by 10%, it is **115.2930, -10.4974, 100.5980**.

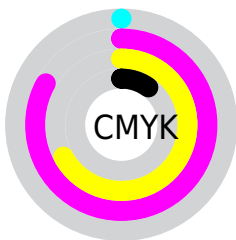
Distribution



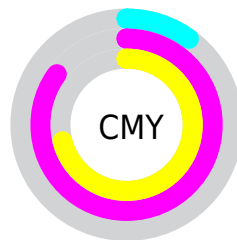
- Red (90%)
- Green (15%)
- Blue (29%)



- Red (90%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (83%)
- Yellow (67%)
- Black (10%)





- Cyan (10%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.6260, -12.1406, 114.3380 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 99.6260, -12.1406, 114.3380 by changing the saturation by 10% instead.


 99.6260, -12.1406,
114.3380

 99.6260, -12.1406,
114.3380


255.0000, 0.0000,
0.0000

 65.2440, -6.0363,
116.4270


 152.0160,
-13.8119, 90.3170

 53.2820, -10.4920,
98.8537


 172.4760,
-11.5737, 72.3735

 41.5050, -15.5320,
81.9951


 192.5770, -8.1725,
54.7450

 30.9110, -14.7461,
63.2221

 213.2650, -5.0606,
36.6016

 22.5820, -9.1609,
45.0936

 234.0670, -1.5120,
18.3582

 12.6720, -5.7543,
25.7207

254.4130, 0.2894,

 0.0000, 0.0000,

0.5148

0.0000

■ 99.6260, -12.1406,
114.3380

■ 99.6260, -12.1406,
114.3380

■ 83.9590, -13.7838,
128.0780

■ 115.2930,
-10.4974, 100.5980

■ 73.7860, -14.6845,
136.9997


■ 130.8460, -9.2911,
86.9581

■ 146.5130, -7.6479,
73.2181


■ 162.0660, -6.4415,
59.5781

■ 177.7330, -4.7984,
45.8382

■ 193.2860, -3.5920,
32.1982

 208.9530, -1.9488,
18.4582

 224.6200, -0.3057,
4.7183

 240.1730, 0.9007,
-8.9217

Harmonies

Analogous

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



100.2580, 19.5928, 109.3987



99.6260, -12.1406, 114.3380



108.2550, -53.3697, 84.8454

Triad

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



99.6260, -12.1406, 114.3380



86.4320, -29.3000, -75.8009



106.6850, 71.1473, -93.5627

Complementary

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



99.6260, -12.1406, 114.3380



168.3740, 12.1406, -114.3380

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.



109.9500, 55.7337, -96.4261



99.6260, -12.1406, 114.3380



97.1020, 1.4287, -85.1585

Square

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



99.6260, -12.1406, 114.3380



106.4980, -52.5035, -6.5757



106.0280, 30.5522, -92.9866



111.2940, 64.4381, -41.4768

Rectangle

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



99.6260, -12.1406, 114.3380



112.7970, -55.6089, 56.3060



106.0280, 30.5522, -92.9866



109.0500, 67.5163, -95.6368

Sweetspot

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



99.6260, -12.1406, 114.3380



211.6180, -3.7557, 38.0460



105.9340, 61.1645, 75.4799



101.5730, -2.2545, 23.1765



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.



99.6260, -12.1406, 114.3380



81.8310, -16.1857, 151.8692



129.4540, -45.0868, 88.1788



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538

Inverse Universe

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



99.6260, -12.1406, 114.3380



81.8310, -16.1857, 151.8692



138.5460, 45.0868, -88.1788



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 99.6260, -12.1406, 114.3380 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 99.6260, -12.1406, 114.3380 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 99.6260, -12.1406, 114.3380

Background



This preview shows how black text looks on a background with the YUV color 99.6260, -12.1406, 114.3380.

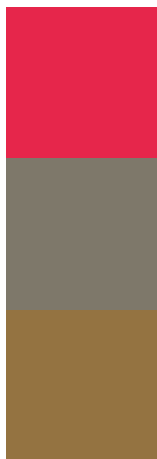


This preview shows how white text looks on a background with the YUV color 99.6260, -12.1406,

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

99.6260, -12.1406, 114.3380

Protanopia

120.1980, -6.9996, 5.0884

Deuteranopia

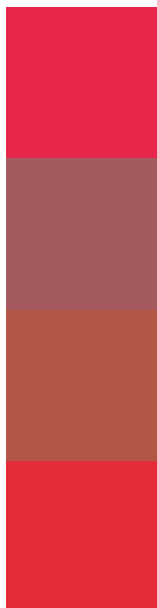
119.1670, -26.7043, 25.2865



Tritanopia

100.0160, -27.1229, 113.1190

Trichromacy



Original Color

99.6260, -12.1406, 114.3380

Protanomaly

112.6960, -8.7241, 44.9936

Deuteranomaly

112.1570, -21.2764, 57.7443

Tritanomaly

99.5090, -21.4499, 113.5636

Monochromacy



Original Color

99.6260, -12.1406, 114.3380

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.5260, -4.2033, 41.6347

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6260, -12.1406, 114.3380 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(230, 38, 75)` looks like.

```
.text, #text, p{  
    color:rgb(230, 38, 75)  
}
```

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(230, 38, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 38, 75) }
```

Border

The CSS property to change the border of an element to YUV 99.6260, -12.1406, 114.3380 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(230, 38, 75) }
```


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

```
.border{ border-color:rgb(230, 38, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 38, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 38, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 38, 75);  
box-shadow:4px 4px 4px 4px rgb(230, 38,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 99.6260, -12.1406, 114.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 38, 75) }
```

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

```
.background{ background-color: rgb(230, 38,  
75) }
```

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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