

Converting Colors

YUV(121.6240, -29.3946,
95.0458)

Have a look what the booklet for
YUV(121.6240, -29.3946, 95.0458)
contains.

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Color

**YUV(121.6240, -29.3946,
95.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	E64E3E
RGB	230, 78, 62
RGB Percent	90%, 31%, 24%
CMY	0.0980, 0.6941, 0.7569
CMYK	0.00, 0.66, 0.73, 0.10
HSL	6°, 77%, 57%
HSV	6°, 73%, 90%
XYZ	36.2270, 22.6196, 7.0141
YIQ	121.6240, 95.7280, 27.2480

Conversions

Conversions Part 2

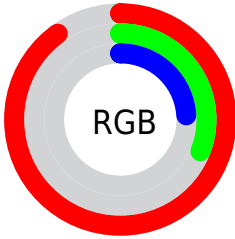
Format	Color
R_{YB}	230, 80, 62
Decimal	15093310
CIE _{Lab}	54.68, 57.87, 41.69
CIE _{LCh}	55, 71.324, 35.764
Yxy	22.6196, 0.5501, 0.3434
Android (android.graphics.Color)	4293283390 (0xFFE64E3E)
YUV	121.6240, -29.3946, 95.0458
Hunter-Lab	47.5600, 52.7354, 24.5480

Details

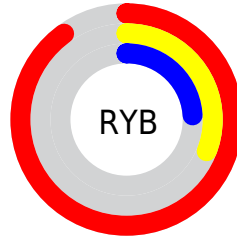
The YUV color **121.6240, -29.3946, 95.0458** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **170.3760, 29.3946, -95.0458**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5570, -27.8826, 76.6875**, and **54.8060, -18.6384, 98.3941** is the 20% darker color. If you saturate the color by 10%, you get **106.6750, -33.3638, 108.1560**, and if you desaturate by 10%, it is **136.5730, -25.4255, 81.9355**.

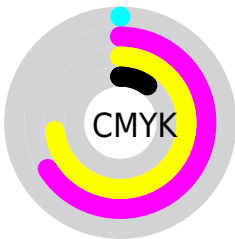
Distribution



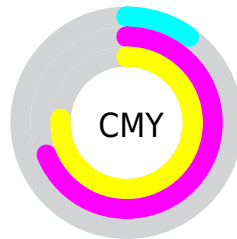
- Red (90%)
- Green (31%)
- Blue (24%)



- Red (90%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (66%)
- Yellow (73%)
- Black (10%)





- Cyan (10%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.6240, -29.3946, 95.0458 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 121.6240, -29.3946, 95.0458 by changing the saturation by 10% instead.


 121.6240,
-29.3946, 95.0458


 121.6240,
-29.3946, 95.0458


255.0000, 0.0000,
0.0000

 91.8240, -26.0422,
93.1164


 167.5570,
-27.8826, 76.6875


 54.8060, -18.6384,
98.3941


 186.8430,
-25.0656, 59.7737

 40.6640, -20.0474,
83.6097


 206.9440,
-21.6644, 42.1451

 31.3950, -15.4777,
64.5516

 227.0450,
-18.2632, 24.5165

 22.5390, -10.6187,
46.0083

 247.2600,
-14.4252, 6.7880

 13.9820, -5.9071,
28.0798

 254.0880, -3.4944,

 0.0000, 0.0000,

0.7998

0.0000

■ 121.6240,
-29.3946, 95.0458

■ 121.6240,
-29.3946, 95.0458

■ 106.6750,
-33.3638, 108.1560

■ 136.5730,
-25.4255, 81.9355

■ 91.7260, -37.3329,
121.2663

■ 151.5220,
-21.4563, 68.8252

■ 81.6840, -40.2702,
130.0731

■ 165.8840,
-17.1978, 56.2297

■ 180.8330,
-13.2287, 43.1195

■ 195.7820, -9.2595,
30.0092

■ 210.7310, -5.2904,
16.8989

■ 225.6800, -1.3212,
3.7886

■ 240.0420, 2.9373,
-8.8068

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



119.1160, 1.4218, 104.2613



121.6240, -29.3946, 95.0458



122.2990, -60.2934, 65.5128

Triad

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



121.6240, -29.3946, 95.0458



99.7630, -11.2222, -87.4922



108.3150, 72.3157, -94.9923

Complementary

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



121.6240, -29.3946, 95.0458



170.3760, 29.3946, -95.0458

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.



116.4530, 62.8807, -102.1293



121.6240, -29.3946, 95.0458



108.8200, 15.8647, -95.4351

Square

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



121.6240, -29.3946, 95.0458



110.5080, -54.4804, -25.8785



115.1870, 42.7988, -101.0190



133.1990, 48.7089, 10.3495

Rectangle

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



121.6240, -29.3946, 95.0458



122.7100, -60.4960, 37.0883



115.1870, 42.7988, -101.0190



111.8370, 70.5794, -98.0810

Sweetspot

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



121.6240, -29.3946, 95.0458



218.6790, -9.7017, 31.8535



129.7880, 42.5025, 87.8859



106.5140, -6.1694, 18.8432



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.



121.6240, -29.3946, 95.0458



110.3030, -39.0964, 126.8993



169.7580, -53.1247, 52.8322



107.1750, -2.0583, 6.8625



63.5000, -31.3055, 101.2935



18.1840, -8.9647, 28.7796

Inverse Universe

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



170.3760, 29.3946, -95.0458



175.6970, 39.0964, -126.8993



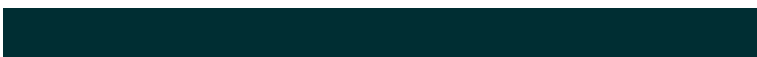
122.2420, 53.1247, -52.8322



110.8250, 2.0583, -6.8625



114.9130, 31.5949, -100.7787



32.8160, 8.9647, -28.7796

Previews

White Background



This preview shows how the YUV color 121.6240, -29.3946, 95.0458 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 121.6240, -29.3946, 95.0458 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 121.6240, -29.3946, 95.0458

Background



This preview shows how black text looks on a background with the YUV color 121.6240, -29.3946, 95.0458.



This preview shows how white text looks on a background with the YUV color 121.6240, -29.3946,

95.0458.

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

121.6240, -29.3946, 95.0458

Protanopia

128.7740, -24.0456, 12.4762

Deuteranopia

128.0400, -37.4877, 30.6599



Tritanopia

122.8010, -21.1009, 94.8905

Trichromacy



Original Color

121.6240, -29.3946, 95.0458

Protanomaly

126.3910, -26.3218, 42.6301

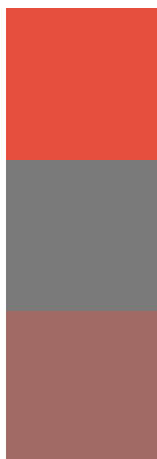
Deuteranomaly

125.6930, -34.3586, 53.7662

Tritanomaly

122.5900, -24.4479, 95.0756

Monochromacy



Original Color

121.6240, -29.3946, 95.0458

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7610, -10.7282, 34.4126

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.6240, -29.3946, 95.0458 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, 78, 62)` looks like.

```
.text, #text, p{  
    color:rgb(230, 78, 62)  
}
```

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, 78, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 78, 62) }
```

Border

The CSS property to change the border of an element to YUV 121.6240, -29.3946, 95.0458 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, 78, 62) }
```


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

```
.border{ border-color:rgb(230, 78, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 78, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 78, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 78, 62);  
box-shadow:4px 4px 4px 4px rgb(230, 78,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 121.6240, -29.3946, 95.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 78, 62) }
```

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

```
.background{ background-color: rgb(230, 78,  
62) }
```

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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