

Converting Colors

YUV(96.4590, -12.5513,
59.2335)

Have a look what the booklet for
YUV(96.4590, -12.5513, 59.2335)
contains.

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Color

**YUV(96.4590, -12.5513,
59.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	A44347
RGB	164, 67, 71
RGB Percent	64%, 26%, 28%
CMY	0.3569, 0.7373, 0.7216
CMYK	0.00, 0.59, 0.57, 0.36
HSL	358°, 42%, 45%
HSV	358°, 59%, 64%
XYZ	18.4543, 12.3618, 7.3746
YIQ	96.4590, 56.5280, 21.8080

Conversions

Conversions Part 2

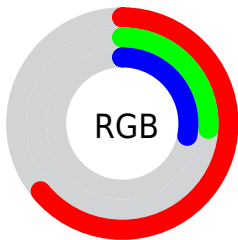
Format	Color
RYB	164, 67, 71
Decimal	10765127
CIELab	41.79, 40.45, 18.11
CIElCh	42, 44.319, 24.111
Yxy	12.3618, 0.4832, 0.3237
Android (android.graphics.Color)	4288955207 (0xFFA44347)
YUV	96.4590, -12.5513, 59.2335
Hunter-Lab	35.1593, 32.1619, 12.1755

Details

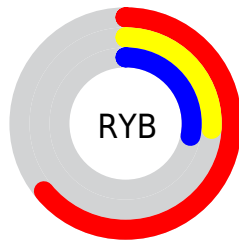
The YUV color **96.4590, -12.5513, 59.2335** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **134.5410, 12.5513, -59.2335**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0960, -15.3303, 63.9368**, and **41.6420, -6.7255, 57.3190** is the 20% darker color. If you saturate the color by 10%, you get **85.2430, -14.9098, 69.0699**, and if you desaturate by 10%, it is **107.6750, -10.1928, 49.3970**.

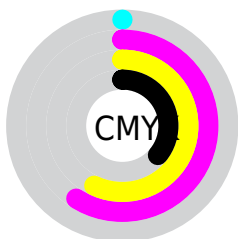
Distribution



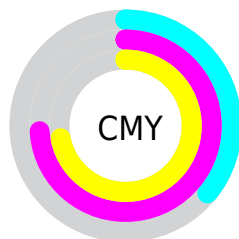
- Red (64%)
- Green (26%)
- Blue (28%)



- Red (64%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (57%)
- Black (36%)



- Cyan (36%)
- Magenta (74%)
- Yellow (72%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4590, -12.5513, 59.2335 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 96.4590, -12.5513, 59.2335 by changing the saturation by 10% instead.

■ 96.4590, -12.5513,
59.2335

■ 96.4590, -12.5513,
59.2335

255.0000, 0.0000,
0.0000

■ 70.0180, -10.3619,
56.9892

■ 150.0960,
-15.3303, 63.9368

■ 41.6420, -6.7255,
57.3190

■ 177.2920,
-15.9200, 66.3959

■ 24.1480, -10.9190,
48.9822

■ 197.2900,
-12.9610, 50.6117

■ 16.2600, -7.5232,
33.0980

■ 216.9180, -8.8336,
33.3979

■ 3.8870, -1.9163,
7.9921

■ 236.5460, -4.7062,
16.1842

■ 0.0000, 0.0000,
0.0000

■ 96.4590, -12.5513,
59.2335

■ 96.4590, -12.5513,
59.2335

■ 85.2430, -14.9098,
69.0699

■ 107.6750,
-10.1928, 49.3970

■ 73.5540, -16.5421,
79.3211

■ 119.3640, -8.5605,
39.1458

■ 62.3380, -18.9006,
89.1576

■ 130.5800, -6.2019,
29.3093

■ 50.5350, -20.9698,
99.5088

■ 142.3830, -4.1328,
18.9581

■ 49.8340, -21.1172,
100.1236

■ 153.5990, -1.7743,
9.1217

■ 164.7010, 0.1474,
-0.6148

■ 176.5040, 2.2165,
-10.9660

■ 187.7200, 4.5750,

-20.8024

■ 199.5230, 6.6442,
-31.1537

Harmonies

Analogous

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



98.4920, 4.1944, 54.8195



96.4590, -12.5513, 59.2335



96.3700, -27.7904, 47.0335

Triad

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



96.4590, -12.5513, 59.2335



83.8600, -14.7210, -38.4652



81.1290, 44.3064, -71.1501

Complementary

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



96.4590, -12.5513, 59.2335



134.5410, 12.5513, -59.2335

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.



84.2290, 35.8761, -73.8688



96.4590, -12.5513, 59.2335



78.3520, 5.7425, -68.7147

Square

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



96.4590, -12.5513, 59.2335



91.0960, -32.5853, -1.8382



82.5700, 21.9040, -72.4139



98.5280, 32.7707, -10.9871

Rectangle

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



96.4590, -12.5513, 59.2335



95.6320, -35.3146, 33.6487



82.5700, 21.9040, -72.4139



82.6620, 42.5646, -72.4946

Sweetspot

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



96.4590, -12.5513, 59.2335



187.4760, -5.1647, 23.2615



105.5660, 28.8080, 46.8616



90.9910, -2.9536, 14.0399



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4590, -12.5513, 59.2335



108.1320, -19.7851, 92.8462



121.8310, -27.0317, 36.9822



75.8050, -0.8899, 5.4330



44.0390, -18.7532, 88.5428



5.4960, -2.2165, 10.9660

Inverse Universe

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



96.4590, -12.5513, 59.2335



108.1320, -19.7851, 92.8462



109.1690, 27.0317, -36.9822



75.8050, -0.8899, 5.4330



44.0390, -18.7532, 88.5428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 96.4590, -12.5513, 59.2335 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 96.4590, -12.5513, 59.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

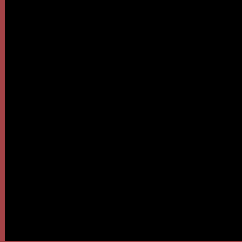
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4590, -12.5513, 59.2335

Background



This preview shows how black text looks on a background with the YUV color 96.4590, -12.5513, 59.2335.



This preview shows how white text looks on a background with the YUV color 96.4590, -12.5513,

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

96.4590, -12.5513, 59.2335

Protanopia

98.8990, -6.8522, 4.4736

Deuteranopia

98.8700, -16.2049, 17.6540



Tritanopia

96.4590, -12.5513, 59.2335

Trichromacy



Original Color

96.4590, -12.5513, 59.2335

Protanomaly

97.8630, -8.8065, 24.6761

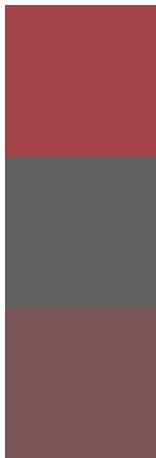
Deuteranomaly

98.0120, -14.7959, 32.4385

Tritanomaly

96.4590, -12.5513, 59.2335

Monochromacy



Original Color

96.4590, -12.5513, 59.2335

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9920, -4.4331, 21.9320

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4590, -12.5513, 59.2335 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(164, 67, 71)` looks like.

```
.text, #text, p{  
    color:rgb(164, 67, 71)  
}
```

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(164, 67, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 67, 71) }
```

Border

The CSS property to change the border of an element to YUV 96.4590, -12.5513, 59.2335 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(164, 67, 71) }
```


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

```
.border{ border-color:rgb(164, 67, 71) }
```

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

Here you see how a box with a 4 pixel rgb(164, 67, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 67, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 67, 71);  
box-shadow:4px 4px 4px 4px rgb(164, 67,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 96.4590, -12.5513, 59.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 67, 71) }
```

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

```
.background{ background-color: rgb(164, 67,  
71) }
```

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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