

Converting Colors

YUV(116.2420, -23.2903,
97.1348)

Have a look what the booklet for
YUV(116.2420, -23.2903, 97.1348)
contains.

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Color

**YUV(116.2420, -23.2903,
97.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	E34545
RGB	227, 69, 69
RGB Percent	89%, 27%, 27%
CMY	0.1098, 0.7294, 0.7294
CMYK	0.00, 0.70, 0.70, 0.11
HSL	0°, 74%, 58%
HSV	0°, 70%, 89%
XYZ	34.8809, 21.0168, 7.8484
YIQ	116.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

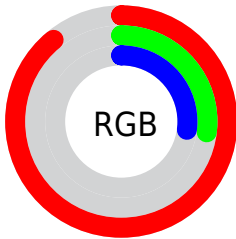
Format	Color
R_{YB}	227, 69, 69
Decimal	14894405
CIE Lab	52.97, 60.70, 35.68
CIE LCh	53, 70.407, 30.444
Yxy	21.0168, 0.5472, 0.3297
Android (android.graphics.Color)	4293084485 (0xFFE34545)
YUV	116.2420, -23.2903, 97.1348
Hunter-Lab	45.8441, 55.5860, 21.9405

Details

The YUV color **116.2420, -23.2903, 97.1348** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **179.7580, 23.2903, -97.1348**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6590, -22.5099, 80.1061**, and **51.8860, -13.2548, 98.3240** is the 20% darker color. If you saturate the color by 10%, you get **100.1190, -26.6807, 111.2746**, and if you desaturate by 10%, it is **132.3650, -19.8999, 82.9949**.

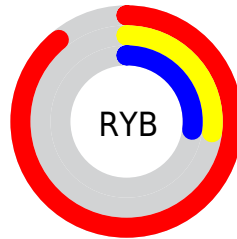
Distribution



Red (89%)

Green (27%)

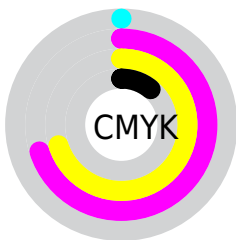
Blue (27%)



Red (89%)

Yellow (27%)

Blue (27%)

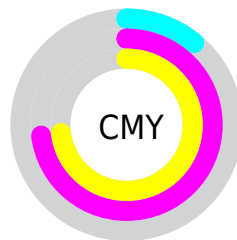


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2420, -23.2903, 97.1348 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 116.2420, -23.2903, 97.1348 by changing the saturation by 10% instead.

■ 116.2420,
-23.2903, 97.1348

■ 116.2420,
-23.2903, 97.1348

255.0000, 0.0000,
0.0000

■ 84.6810, -19.0697,
96.7498

■ 163.6590,
-22.5099, 80.1061

■ 51.8860, -13.2548,
98.3240

■ 183.5320,
-19.9823, 62.6774

■ 39.8810, -19.1683,
81.6654

■ 203.0460,
-16.2917, 45.5637

■ 30.4980, -15.0355,
62.7073

■ 223.1470,
-12.8905, 27.9351

■ 22.0550, -9.8871,
44.6788

■ 243.9490, -9.3419,
9.6917

■ 12.9710, -5.9017,
26.3354

254.8860, -0.4368,

■ 0.0000, 0.0000,

0.1000

0.0000

■ 116.2420,
-23.2903, 97.1348

■ 116.2420,
-23.2903, 97.1348

■ 100.1190,
-26.6807, 111.2746

■ 132.3650,
-19.8999, 82.9949

■ 84.6970, -29.9236,
124.7997

■ 147.7870,
-16.6570, 69.4698

■ 68.5740, -33.3140,
138.9396

■ 163.9100,
-13.2666, 55.3299

■ 67.8730, -33.4614,
139.5544

■ 180.0330, -9.8763,
41.1901

■ 195.4550, -6.6333,
27.6650

■ 211.5780, -3.2430,
13.5251

■ 227.7010, 0.1474,
-0.6148

■ 243.8240, 3.5378,
-14.7546

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



115.0600, 6.3794, 100.8024



116.2420, -23.2903, 97.1348



117.4290, -57.3995, 70.6608

Triad

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



116.2420, -23.2903, 97.1348



94.5310, -16.0378, -82.9037



107.0440, 69.9843, -93.8776

Complementary

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



116.2420, -23.2903, 97.1348



179.7580, 23.2903, -97.1348

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.



112.7370, 58.7967, -98.8703



116.2420, -23.2903, 97.1348



104.1750, 10.7597, -91.3615

Square

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



116.2420, -23.2903, 97.1348



109.3890, -53.9288, -16.1272



111.1290, 37.4044, -97.4601



127.4960, 51.5205, -4.8200

Rectangle

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



116.2420, -23.2903, 97.1348



119.2100, -58.7705, 43.6658



111.1290, 37.4044, -97.4601



110.3380, 67.3744, -96.7664

Sweetspot

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



116.2420, -23.2903, 97.1348



217.1460, -7.9600, 33.1980



134.2540, 45.7238, 81.3382



105.5680, -4.7170, 19.6729



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.



116.2420, -23.2903, 97.1348



104.9860, -31.5451, 131.5623



162.6150, -46.1522, 56.4656



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

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



179.7580, 23.2903, -97.1348



191.0140, 31.5451, -131.5623



133.3850, 46.1522, -56.4656



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 116.2420, -23.2903, 97.1348 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 116.2420, -23.2903, 97.1348 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 116.2420, -23.2903, 97.1348 Background



This preview shows how black text looks on a background with the YUV color 116.2420, -23.2903, 97.1348.



This preview shows how white text looks on a background with the YUV color 116.2420, -23.2903,

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

116.2420, -23.2903, 97.1348

Protanopia

125.7720, -17.6356, 9.8470

Deuteranopia

124.8100, -31.9513, 28.2306



Tritanopia

116.5840, -21.9799, 96.8348

Trichromacy



Original Color

116.2420, -23.2903, 97.1348

Protanomaly

122.4000, -19.9172, 41.7452

Deuteranomaly

121.4740, -28.8277, 53.0813

Tritanomaly

116.4700, -22.4167, 96.9348

Monochromacy



Original Color

116.2420, -23.2903, 97.1348

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0430, -8.4022, 35.0423

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2420, -23.2903, 97.1348 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, 69, 69)` looks like.

```
.text, #text, p{  
    color:rgb(227, 69, 69)  
}
```

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, 69, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 69, 69) }
```

Border

The CSS property to change the border of an element to YUV 116.2420, -23.2903, 97.1348 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, 69, 69) }
```


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

```
.border{ border-color:rgb(227, 69, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 69, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 69, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 69, 69);  
box-shadow:4px 4px 4px 4px rgb(227, 69,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 116.2420, -23.2903, 97.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 69, 69) }
```

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

```
.background{ background-color: rgb(227, 69,  
69) }
```

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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