

Converting Colors

YUV(60.2420, -23.2903,
97.1348)

Have a look what the booklet for
YUV(60.2420, -23.2903, 97.1348)
contains.

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Color

**YUV(60.2420, -23.2903,
97.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0D0D
RGB	171, 13, 13
RGB Percent	67%, 5%, 5%
CMY	0.3294, 0.9490, 0.9490
CMYK	0.00, 0.92, 0.92, 0.33
HSL	0°, 86%, 36%
HSV	0°, 92%, 67%
XYZ	17.0112, 8.9748, 1.2165
YIQ	60.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

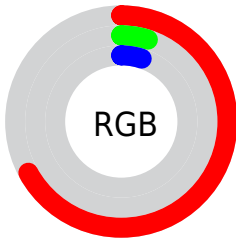
Format	Color
RYB	171, 13, 13
Decimal	11209997
CIELab	35.94, 57.91, 44.83
CIElCh	36, 73.239, 37.745
Yxy	8.9748, 0.6254, 0.3299
Android (android.graphics.Color)	4289400077 (0xFFAB0D0D)
YUV	60.2420, -23.2903, 97.1348
Hunter-Lab	29.9580, 48.9316, 18.5630

Details

The YUV color **60.2420, -23.2903, 97.1348** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **123.7580, 23.2903, -97.1348**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5380, -32.3102, 96.8752**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **51.1290, -25.2066, 105.1269**, and if you desaturate by 10%, it is **72.1590, -20.7844, 86.6836**.

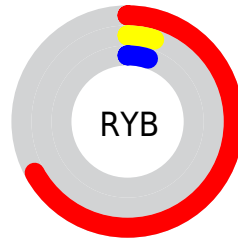
Distribution



Red (67%)

Green (5%)

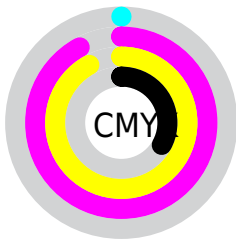
Blue (5%)



Red (67%)

Yellow (5%)

Blue (5%)

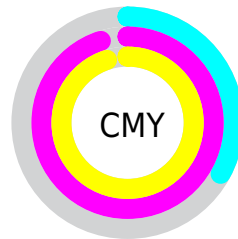


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (33%)



Cyan (33%)


Magenta (95%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 60.2420, -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 60.2420, -23.2903, 97.1348 by changing the saturation by 10% instead.


 60.2420, -23.2903,
97.1348

 60.2420, -23.2903,
97.1348


 253.7460, -4.8048,
1.0998

 41.8600, -20.6370,
86.0688


 124.5380,
-32.3102, 96.8752

 32.5910, -16.0674,
67.0107

 149.6900,
-32.8782, 92.3569

 23.7350, -11.2084,
48.4674

 168.9760,
-30.0612, 75.4430

 15.1780, -6.4968,
30.5389


 188.8490,
-27.5336, 58.0144


 0.0000, 0.0000,
0.0000


 208.3630,
-23.8430, 40.9006


 228.4640,


-20.4418, 23.2721


 249.2660,
-16.8931, 5.0287


 60.2420, -23.2903,
97.1348


 60.2420, -23.2903,
97.1348

 51.1290, -25.2066,
105.1269

 72.1590, -20.7844,
86.6836

 84.0760, -18.2785,
76.2323

 95.9930, -15.7725,
65.7811

 107.9100,
-13.2666, 55.3299

 119.8270,
-10.7607, 44.8787

■ 132.4450, -8.1074,
33.8127

■ 144.3620, -5.6015,
23.3615

■ 156.2790, -3.0955,
12.9103

■ 168.1960, -0.5896,
2.4591

Harmonies

Analogous

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



62.6260, 4.6214, 104.6910



60.2420, -23.2903, 97.1348



78.8300, -38.8632, 51.8921

Triad

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



60.2420, -23.2903, 97.1348



65.7390, -14.6613, -57.6531



74.7980, 63.2036, -65.5978

Complementary

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



60.2420, -23.2903, 97.1348



123.7580, 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.



82.6910, 55.3683, -72.5200



60.2420, -23.2903, 97.1348



74.0950, 12.2782, -64.9813

Square

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



60.2420, -23.2903, 97.1348



60.7930, -29.9709, -47.1765



80.5930, 37.1757, -70.6801



84.3410, 46.6669, 11.9789

Rectangle

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



60.2420, -23.2903, 97.1348



79.8390, -39.3606, 24.6972



80.5930, 37.1757, -70.6801



79.0210, 61.6146, -69.3014

Sweetspot

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



60.2420, -23.2903, 97.1348



178.5380, -9.1392, 38.1162



78.2540, 45.7238, 81.3382



85.3620, -5.6015, 23.3615



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



60.2420, -23.2903, 97.1348



66.3780, -32.7244, 136.4805



106.6150, -46.1522, 56.4656



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



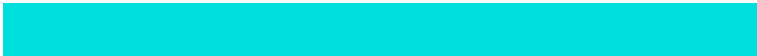
6.8770, -3.3904, 14.1399

Inverse Universe

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



123.7580, 23.2903, -97.1348



155.6220, 32.7244, -136.4805



77.3850, 46.1522, -56.4656



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 60.2420, -23.2903, 97.1348 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 60.2420, -23.2903, 97.1348

Background



This preview shows how black text looks on a background with the YUV color 60.2420, -23.2903, 97.1348.



This preview shows how white text looks on a background with the YUV color 60.2420, -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

60.2420, -23.2903, 97.1348

Protanopia

83.2640, -27.2452, 12.0465

Deuteranopia

80.7250, -39.7974, 24.7972



Tritanopia

59.9340, -29.5475, 97.4049

Trichromacy



Original Color

60.2420, -23.2903, 97.1348

Protanomaly

74.9180, -25.5956, 43.0449

Deuteranomaly

73.4970, -33.7690, 51.3071

Tritanomaly

59.9170, -27.0741, 97.4198

Monochromacy



Original Color

60.2420, -23.2903, 97.1348

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0430, -8.4022, 35.0423

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.2420, -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(171, 13, 13)` looks like.

```
.text, #text, p{  
    color:rgb(171, 13, 13)  
}
```

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(171, 13, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 13, 13) }
```

Border

The CSS property to change the border of an element to YUV 60.2420, -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(171, 13, 13) }
```


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

```
.border{ border-color:rgb(171, 13, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 13, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 13, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 13, 13);  
box-shadow:4px 4px 4px 4px rgb(171, 13,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 60.2420, -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(171, 13, 13) }
```

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

```
.background{ background-color: rgb(171, 13,  
13) }
```

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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