

Converting Colors

YUV(56.9390, -23.6339,
114.0635)

Have a look what the booklet for
YUV(56.9390, -23.6339, 114.0635)
contains.

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Color

**YUV(56.9390, -23.6339,
114.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0009
RGB	187, 0, 9
RGB Percent	73%, 0%, 4%
CMY	0.2667, 1.0000, 0.9647
CMYK	0.00, 1.00, 0.95, 0.27
HSL	357°, 100%, 37%
HSV	357°, 100%, 73%
XYZ	20.5428, 10.5845, 1.2187
YIQ	56.9390, 108.5630, 42.4430

Conversions

Conversions Part 2

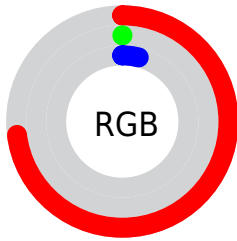
Format	Color
RYB	187, 0, 9
Decimal	12255241
CIELab	38.87, 63.55, 49.87
CIElCh	39, 80.777, 38.123
Yxy	10.5845, 0.6351, 0.3272
Android (android.graphics.Color)	4290445321 (0xFFBB0009)
YUV	56.9390, -23.6339, 114.0635
Hunter-Lab	32.5339, 55.7758, 20.5527

Details

The YUV color **56.9390, -23.6339, 114.0635** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **130.0610, 23.6339, -114.0635**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3930, -35.6897, 107.5263**, and **36.7770, -18.1311, 75.6176** is the 20% darker color. If you saturate the color by 10%, you get **56.9390, -23.6339, 114.0635**, and if you desaturate by 10%, it is **70.1440, -21.2700, 102.4827**.

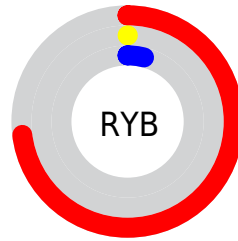
Distribution



Red (73%)

Green (0%)

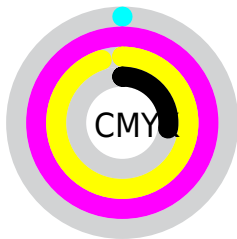
Blue (4%)



Red (73%)

Yellow (0%)

Blue (4%)

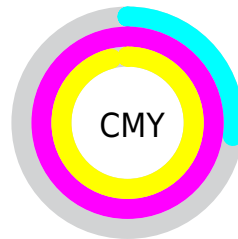


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (27%)



Cyan (27%)


Magenta (100%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 56.9390, -23.6339, 114.0635 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 56.9390, -23.6339, 114.0635 by changing the saturation by 10% instead.


 56.9390, -23.6339,
114.0635

 56.9390, -23.6339,
114.0635


 253.5180, -5.6784,
1.2997


 46.3450, -22.8481,
95.2904


 129.3930,
-35.6897, 107.5263

 36.7770, -18.1311,
75.6176


 150.0490,
-34.0412, 92.0420

 27.5080, -13.5614,
56.5595

 169.9220,
-31.5135, 74.6134

 19.4780, -8.1237,
39.0458

 189.9090,
-28.5491, 57.0848

 8.7850, -3.8380,
17.7286


 209.8960,
-25.5847, 39.5562


 0.0000, 0.0000,
0.0000


 230.1110,


-21.7467, 21.8277

 250.3260,
-17.9087, 4.0991


 56.9390, -23.6339,
114.0635

 70.1440, -21.2700,
102.4827

 82.7620, -18.6167,
91.4167

 95.8530, -16.6895,
79.9359

 109.0580,
-14.3256, 68.3551

 122.2630,
-11.9617, 56.7743

■ 134.8810, -9.3083,
45.7084

■ 148.0860, -6.9444,
34.1276

■ 161.1770, -5.0173,
22.6468

■ 173.7950, -2.3639,
11.5808

Harmonies

Analogous

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



68.5780, 4.1520, 115.2571



56.9390, -23.6339, 114.0635



85.3530, -42.0790, 56.6954

Triad

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



56.9390, -23.6339, 114.0635



71.1360, -16.8290, -62.3863



82.0020, 70.4980, -71.9158

Complementary

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



56.9390, -23.6339, 114.0635



130.0610, 23.6339, -114.0635

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.



90.3680, 61.9366, -79.2527



56.9390, -23.6339, 114.0635



81.1050, 13.7522, -71.1291

Square

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



56.9390, -23.6339, 114.0635



63.3960, -31.2542, -55.5983



88.2870, 41.2705, -77.4277



90.8450, 52.3344, 14.1679

Rectangle

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



56.9390, -23.6339, 114.0635



86.3400, -42.5656, 26.0118



88.2870, 41.2705, -77.4277



86.2250, 68.9091, -75.6193

Sweetspot

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



56.9390, -23.6339, 114.0635



191.8700, -9.3029, 43.9640



74.5400, 55.4428, 90.7344



91.3840, -5.6123, 26.8502



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



56.9390, -23.6339, 114.0635



73.7260, -30.4309, 147.5763



105.2210, -51.8740, 71.7202



87.6910, -1.3267, 5.5330



48.1540, -19.7959, 96.3349



9.3830, -4.1328, 18.9581

Inverse Universe

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



56.9390, -23.6339, 114.0635



73.7260, -30.4309, 147.5763



81.7790, 51.8740, -71.7202



87.6910, -1.3267, 5.5330



48.1540, -19.7959, 96.3349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 56.9390, -23.6339, 114.0635 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



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 56.9390, -23.6339, 114.0635

Background



This preview shows how black text looks on a background with the YUV color 56.9390, -23.6339, 114.0635.



This preview shows how white text looks on a background with the YUV color 56.9390, -23.6339,

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

56.9390, -23.6339, 114.0635

Protanopia

90.5370, -31.3237, 13.5611

Deuteranopia

88.4110, -43.5866, 26.8266



Tritanopia

65.5930, -32.3373, 105.5969

Trichromacy



Original Color

56.9390, -23.6339, 114.0635

Protanomaly

77.8650, -28.5274, 50.1074

Deuteranomaly

76.8570, -36.4115, 58.8844

Tritanomaly

62.4130, -29.2906, 108.3858

Monochromacy



Original Color

56.9390, -23.6339, 114.0635

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7880, -8.2765, 41.4049

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.9390, -23.6339, 114.0635 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(187, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(187, 0, 9)  
}
```

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(187, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 0, 9) }
```

Border

The CSS property to change the border of an element to YUV 56.9390, -23.6339, 114.0635 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(187, 0, 9) }
```


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

```
.border{ border-color:rgb(187, 0, 9) }
```

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

Here you see how a box with a 4 pixel rgb(187, 0, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(187, 0, 9); box-shadow:4px  
4px 4px 4px rgb(187, 0, 9) }
```

Background

The CSS property to change the background color of an element to YUV 56.9390, -23.6339, 114.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 0, 9) }
```

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

```
.background{ background-color: rgb(187, 0,  
9) }
```

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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