

Converting Colors

YUV(90.1460, 56.1300, 56.8770)

Have a look what the booklet for
YUV(90.1460, 56.1300, 56.8770)
contains.

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Color

**YUV(90.1460, 56.1300,
56.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	9B23CC
RGB	155, 35, 204
RGB Percent	61%, 14%, 80%
CMY	0.3922, 0.8627, 0.2000
CMYK	0.24, 0.83, 0.00, 0.20
HSL	283°, 71%, 47%
HSV	283°, 83%, 80%
XYZ	25.0177, 12.5303, 58.2267
YIQ	90.1460, 17.2710, 77.9990

Conversions

Conversions Part 2

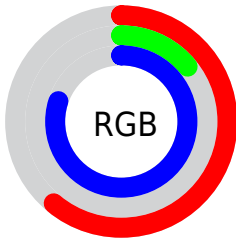
Format	Color
R_{YB}	155, 35, 204
Decimal	10167244
CIE Lab	42.05, 70.23, -62.26
CIE LCh	42, 93.854, 318.445
Yxy	12.5303, 0.2612, 0.1308
Android (android.graphics.Color)	4288357324 (0xFF9B23CC)
YUV	90.1460, 56.1300, 56.8770
Hunter-Lab	35.3981, 64.2086, -72.7481

Details

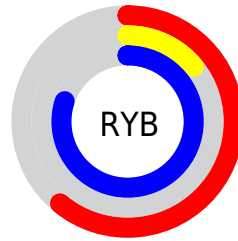
The YUV color **90.1460, 56.1300, 56.8770** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **148.8540, -56.1300, -56.8770**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9950, 51.7675, 56.1324**, and **45.9890, 50.7844, 44.7366** is the 20% darker color. If you saturate the color by 10%, you get **76.6120, 62.8023, 63.4843**, and if you desaturate by 10%, it is **103.6800, 49.4578, 50.2696**.

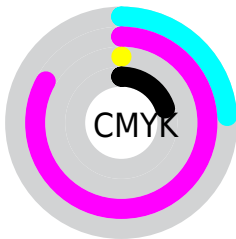
Distribution



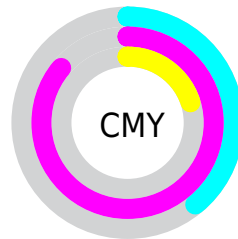
- Red (61%)
- Green (14%)
- Blue (80%)



- Red (61%)
- Yellow (14%)
- Blue (80%)



- Cyan (24%)
- Magenta (83%)
- Yellow (0%)
- Black (20%)





- Cyan (39%)
- Magenta (86%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.1460, 56.1300, 56.8770 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 90.1460, 56.1300, 56.8770 by changing the saturation by 10% instead.


 90.1460, 56.1300,
56.8770


 90.1460, 56.1300,
56.8770


255.0000, 0.0000,
0.0000


 57.7380, 58.3032,
59.8658


 149.9950, 51.7675,
56.1324


 45.9890, 50.7844,
44.7366


 175.4010, 39.2423,
60.1613


 34.2400, 43.2657,
29.6075


 195.1260, 29.5179,
52.5095

 22.9040, 36.0363,
14.9932


 212.1490, 21.1255,
37.5803

 8.2080, 31.4495,
-7.1984

 229.1720, 12.7332,
22.6512

 7.8200, 19.8087,
-6.8581

 246.7820, 4.0515,

 3.5510, 11.0674,

7.2072

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 90.1460, 56.1300,
56.8770

■ 90.1460, 56.1300,
56.8770

■ 76.6120, 62.8023,
63.4843

■ 103.6800, 49.4578,
50.2696

■ 66.6110, 67.7328,
68.7472

■ 117.8010, 42.4961,
43.1475

■ 131.3350, 35.8238,
36.5402

■ 145.4560, 28.8622,
29.4181

■ 158.9900, 22.1899,
22.8108

■ 172.2250, 15.6651,
15.5887

■ 186.3460, 8.7034,
8.4666

■ 199.8800, 2.0312,
1.8592

■ 214.0010, -4.9305,
-5.2629

Harmonies

Analogous

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



83.6780, 81.9967, -73.3856



90.1460, 56.1300, 56.8770



79.4470, 26.4016, 118.8800

Triad

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



90.1460, 56.1300, 56.8770



93.5490, -46.1197, 45.9995



91.8940, 27.1673, -80.5910

Complementary

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



90.1460, 56.1300, 56.8770



148.8540, -56.1300, -56.8770

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.



81.3720, -8.0714, -71.3632



90.1460, 56.1300, 56.8770



87.2940, -43.0359, -9.9048

Square

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



90.1460, 56.1300, 56.8770



74.1650, -36.5633, 107.7263



71.0270, -35.0163, -62.2907



99.1730, 57.5957, -86.9747

Rectangle

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



90.1460, 56.1300, 56.8770



76.9220, 2.5035, 130.7414



71.0270, -35.0163, -62.2907



88.8160, 15.3737, -77.8916

Sweetspot

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



90.1460, 56.1300, 56.8770



212.0500, 21.1744, 21.8812



84.2030, 59.0599, -43.1510



101.5190, 13.0551, 12.6998



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.



90.1460, 56.1300, 56.8770



85.2490, 83.6872, 84.8506



100.9210, 34.0559, 90.4003



95.2330, 3.3361, 3.3037



54.2060, 55.1144, 55.9473



12.4050, 12.6183, 12.7998

Inverse Universe

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



91.1170, -3.5087, 98.9984



86.6700, -5.2603, 147.6254



138.0790, -34.0559, -90.4003



95.3320, -0.1637, 5.8478



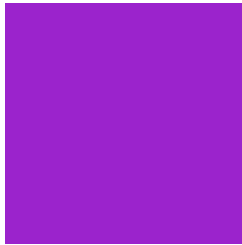
55.1060, -3.5033, 97.2540



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 90.1460, 56.1300, 56.8770 looks on a white background.

Color Contrast Check

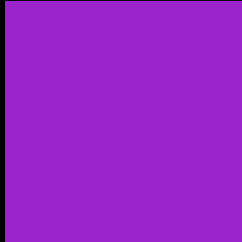
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.1460, 56.1300, 56.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

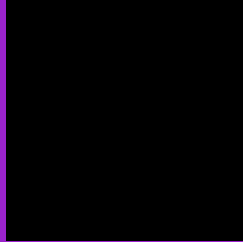
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1460, 56.1300, 56.8770

Background



This preview shows how black text looks on a background with the YUV color 90.1460, 56.1300, 56.8770.



This preview shows how white text looks on a background with the YUV color 90.1460, 56.1300,

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

90.1460, 56.1300, 56.8770

Protanopia

80.1950, 61.0359, -70.3310

Deuteranopia

80.1660, 48.2322, -70.3056



Tritanopia

101.2320, -5.0444, 31.3685

Trichromacy



Original Color

90.1460, 56.1300, 56.8770

Protanomaly

83.4380, 59.4371, -24.0631

Deuteranomaly

83.8480, 50.8539, -24.4227

Tritanomaly

97.4330, 17.0415, 40.8393

Monochromacy



Original Color

90.1460, 56.1300, 56.8770

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1100, 20.1588, 20.9515

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1460, 56.1300, 56.8770 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(155, 35, 204)` looks like.

```
.text, #text, p{  
    color:rgb(155, 35, 204)  
}
```

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(155, 35, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 35, 204) }
```

Border

The CSS property to change the border of an element to YUV 90.1460, 56.1300, 56.8770 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(155, 35, 204) }
```


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

```
.border{ border-color:rgb(155, 35, 204) }
```

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

Here you see how a box with a 4 pixel rgb(155, 35, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 35, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 35, 204);  
box-shadow:4px 4px 4px 4px rgb(155, 35,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 90.1460, 56.1300, 56.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 35, 204) }
```

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

```
.background{ background-color: rgb(155, 35,  
204) }
```

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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