

Converting Colors

YUV(92.8960, 18.2923, 59.7272)

Have a look what the booklet for
YUV(92.8960, 18.2923, 59.7272)
contains.

YUV(92.8960, 18.2923, 59.7272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(92.8960, 18.2923,
59.7272)**

Conversions

Conversions Part 1

Format	Color
Hex	A13382
RGB	161, 51, 130
RGB Percent	63%, 20%, 51%
CMY	0.3686, 0.8000, 0.4902
CMYK	0.00, 0.68, 0.19, 0.37
HSL	317°, 52%, 42%
HSV	317°, 68%, 63%
XYZ	19.9110, 11.5564, 22.3003
YIQ	92.8960, 40.2010, 47.8890

Conversions

Conversions Part 2

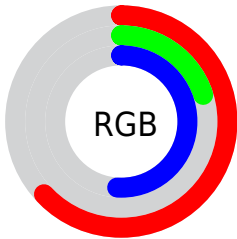
Format	Color
R_{YB}	161, 51, 130
Decimal	10564482
CIE _{Lab}	40.50, 53.41, -20.47
CIE _{LCh}	41, 57.199, 339.027
Yxy	11.5564, 0.3703, 0.2149
Android (android.graphics.Color)	4288754562 (0xFFA13382)
YUV	92.8960, 18.2923, 59.7272
Hunter-Lab	33.9947, 45.0583, -15.0974

Details

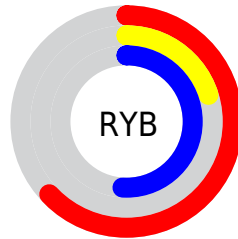
The YUV color **92.8960, 18.2923, 59.7272** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **119.1040, -18.2923, -59.7272**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5650, 16.9765, 61.7715**, and **40.8140, 19.3187, 57.1681** is the 20% darker color. If you saturate the color by 10%, you get **82.9340, 20.7385, 68.4639**, and if you desaturate by 10%, it is **102.8580, 15.8460, 50.9905**.

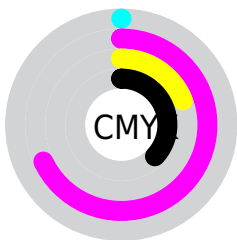
Distribution



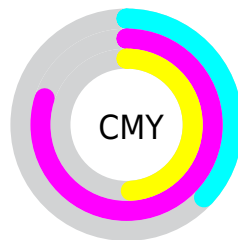
- Red (63%)
- Green (20%)
- Blue (51%)



- Red (63%)
- Yellow (20%)
- Blue (51%)



- Cyan (0%)
- Magenta (68%)
- Yellow (19%)
- Black (37%)



- Cyan (37%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.8960, 18.2923, 59.7272 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 92.8960, 18.2923, 59.7272 by changing the saturation by 10% instead.

92.8960, 18.2923,
59.7272

92.8960, 18.2923,
59.7272

255.0000, 0.0000,
0.0000

62.3030, 21.0496,
62.0013

148.5650, 16.9765,
61.7715

40.8140, 19.3187,
57.1681

176.2770, 17.1184,
62.9011

30.1190, 13.2523,
42.8686

197.9980, 20.2140,
49.9908

20.5490, 7.6173,
30.2135

216.2580, 19.0998,
33.9767

8.1310, 1.4144,
13.0401

233.2810, 10.7075,
19.0476

0.0000, 0.0000,
0.0000

250.3040, 2.3151,

4.1184

■ 92.8960, 18.2923,
59.7272

■ 92.8960, 18.2923,
59.7272

■ 82.9340, 20.7385,
68.4639

■ 102.8580, 15.8460,
50.9905

■ 73.0860, 23.6216,
77.1006

■ 112.7060, 12.9629,
42.3538

■ 63.1240, 26.0679,
85.8373

■ 122.6680, 10.5167,
33.6172

■ 61.3630, 26.9360,
87.3816

■ 132.5160, 7.6336,
24.9805

■ 143.0650, 4.8980,
15.7290

■ 152.9130, 2.0149,
7.0923

■ 162.8750, -0.4314,
-1.6444

■ 172.7230, -3.3144,
-10.2811

■ 182.6850, -5.7607,
-19.0177

Harmonies

Analogous

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



97.9640, 35.0207, 14.0636



92.8960, 18.2923, 59.7272



86.4520, -1.7018, 79.4106

Triad

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



92.8960, 18.2923, 59.7272



88.3230, -43.5432, 12.8717



85.0610, 33.9869, -74.5985

Complementary

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



92.8960, 18.2923, 59.7272



119.1040, -18.2923, -59.7272

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.



80.5180, 14.0416, -70.6143



92.8960, 18.2923, 59.7272



79.5030, -36.7300, -25.8741

Square

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



92.8960, 18.2923, 59.7272



90.0050, -44.3725, 45.5996



73.7580, -6.7827, -64.6858



84.8450, 48.3904, -74.4091

Rectangle

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



92.8960, 18.2923, 59.7272



87.4180, -16.9681, 75.9324



73.7580, -6.7827, -64.6858



84.0520, 27.5824, -73.7136

Sweetspot

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



92.8960, 18.2923, 59.7272



182.9780, 6.9128, 22.8213



72.2110, 43.7730, 6.8310



88.8260, 4.0298, 14.1846



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



92.8960, 18.2923, 59.7272



103.1510, 28.5196, 92.8296



86.8540, -4.8580, 65.0260



76.3750, 1.2941, 4.9331



55.2110, 24.0530, 78.7450



6.8640, 3.0250, 9.7663

Inverse Universe

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



92.8960, 18.2923, 59.7272



103.1510, 28.5196, 92.8296



125.1460, 4.8580, -65.0260



76.3750, 1.2941, 4.9331



55.2110, 24.0530, 78.7450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 92.8960, 18.2923, 59.7272 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 92.8960, 18.2923, 59.7272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

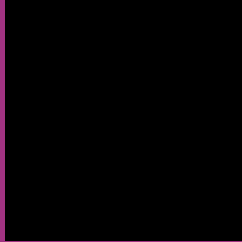
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.8960, 18.2923, 59.7272

Background



This preview shows how black text looks on a background with the YUV color 92.8960, 18.2923, 59.7272.



This preview shows how white text looks on a background with the YUV color 92.8960, 18.2923,

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

92.8960, 18.2923, 59.7272

Protanopia

93.6080, 34.7033, -24.2122

Deuteranopia

97.1100, 13.2568, -5.3585



Tritanopia

94.7680, -11.2246, 53.7005

Trichromacy



Original Color

92.8960, 18.2923, 59.7272

Protanomaly

93.3130, 28.9327, 6.7415

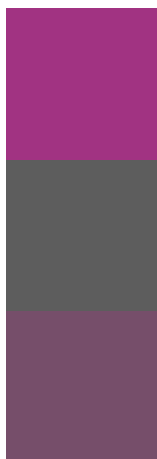
Deuteranomaly

95.4210, 15.0754, 18.0478

Tritanomaly

94.2380, -0.6103, 55.9193

Monochromacy



Original Color

92.8960, 18.2923, 59.7272

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1520, 6.3341, 21.7917

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.8960, 18.2923, 59.7272 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(161, 51, 130)` looks like.

```
.text, #text, p{  
    color:rgb(161, 51, 130)  
}
```

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(161, 51, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 51, 130) }
```

Border

The CSS property to change the border of an element to YUV 92.8960, 18.2923, 59.7272 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(161, 51, 130) }
```


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

```
.border{ border-color:rgb(161, 51, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 51, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 51, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 51, 130);  
box-shadow:4px 4px 4px 4px rgb(161, 51,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 92.8960, 18.2923, 59.7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 51, 130) }
```

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

```
.background{ background-color: rgb(161, 51,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor