

Converting Colors

YUV(110.6020, 40.6222,
-9.2980)

Have a look what the booklet for
YUV(110.6020, 40.6222, -9.2980)
contains.

YUV(110.6020, 40.6222, -9.2980)	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(110.6020, 40.6222,
-9.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	6464C1
RGB	100, 100, 193
RGB Percent	39%, 39%, 76%
CMY	0.6078, 0.6078, 0.2431
CMYK	0.48, 0.48, 0.00, 0.24
HSL	240°, 43%, 57%
HSV	240°, 48%, 76%
XYZ	19.4383, 15.6739, 52.4529
YIQ	110.6020, -29.8530, 28.9230

Conversions

Conversions Part 2

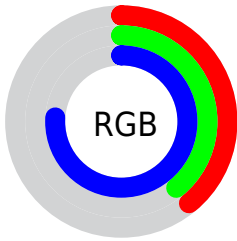
Format	Color
R _Y B	100, 100, 193
Decimal	6579393
CIE Lab	46.54, 25.00, -48.95
CIE LCh	47, 54.964, 297.055
Yxy	15.6739, 0.2220, 0.1790
Android (android.graphics.Color)	4284769473 (0xFF6464C1)
YUV	110.6020, 40.6222, -9.2980
Hunter-Lab	39.5903, 18.3582, -50.8397

Details

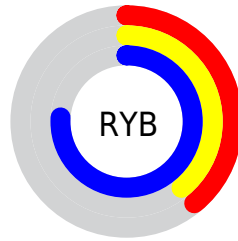
The YUV color $110.6020, 40.6222, -9.2980$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $182.3980, -40.6222, 9.2980$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $163.7810, 42.5060, -6.8239$, and $59.5150, 39.1861, -15.3607$ is the 20% darker color. If you saturate the color by 10%, you get $93.7680, 48.9214, -11.1975$, and if you desaturate by 10%, it is $127.4360, 32.3231, -7.3984$.

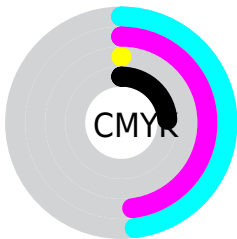
Distribution



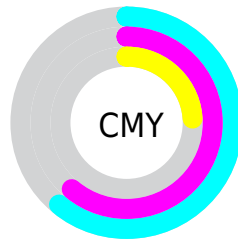
- Red (39%)
- Green (39%)
- Blue (76%)



- Red (39%)
- Yellow (39%)
- Blue (76%)



- Cyan (48%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (61%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6020, 40.6222, -9.2980 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 110.6020, 40.6222, -9.2980 by changing the saturation by 10% instead.

■ 110.6020, 40.6222,
-9.2980

■ 110.6020, 40.6222,
-9.2980

■ 255.0000, 0.0000,
0.0000

■ 84.9500, 39.4647,
-11.3571

■ 163.7810, 42.5060,
-6.8239

■ 59.5150, 39.1861,
-15.3607

■ 188.5720, 32.7490,
-4.0096

■ 31.6660, 40.0977,
-27.7711

■ 213.0920, 20.6606,
-0.0807

■ 17.6630, 34.6761,
-15.4905

■ 238.4980, 8.1355,
3.9483

■ 7.2960, 27.9551,
-6.3986

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 110.6020, 40.6222,
-9.2980

■ 110.6020, 40.6222,
-9.2980

■ 93.7680, 48.9214,
-11.1975

■ 127.4360, 32.3231,
-7.3984

■ 76.0480, 57.6573,
-13.1971

■ 145.1560, 23.5871,
-5.3988

■ 59.2140, 65.9565,
-15.0967

■ 161.9900, 15.2879,
-3.4992

■ 42.3800, 74.2557,
-16.9963

■ 178.8240, 6.9888,
-1.5996

■ 24.6600, 82.9916,
-18.9958

■ 196.5440, -1.7472,
0.3999

■ 22.0020, 84.3020,
-19.2958

■ 213.3780,
-10.0464, 2.2995

■ 230.2120,
-18.3455, 4.1991

■ 247.0460,
-26.6447, 6.0987

■ 247.9320,
-27.0815, 6.1986

Harmonies

Analogous

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



91.8210, 54.8112, -80.5270



110.6020, 40.6222, -9.2980



112.2790, 24.0195, 42.7283

Triad

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



110.6020, 40.6222, -9.2980



106.2050, -37.5691, 56.8252



88.7530, 7.5168, -77.8364

Complementary

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



110.6020, 40.6222, -9.2980



182.3980, -40.6222, 9.2980

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.



83.4280, -13.0290, -67.9044



110.6020, 40.6222, -9.2980



103.4730, -51.0122, 28.5262

Square

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



110.6020, 40.6222, -9.2980



105.4070, -16.9627, 74.1881



99.0170, -42.8994, -7.0309



94.1110, 28.0463, -82.5353

Rectangle

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



110.6020, 40.6222, -9.2980



108.5070, 11.5820, 65.3304



99.0170, -42.8994, -7.0309



86.3420, 0.8174, -75.7219

Sweetspot

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



110.6020, 40.6222, -9.2980



218.9900, 15.2879, -3.4992



165.1930, 13.7089, -57.1743



106.3940, 9.1728, -2.0995



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



110.6020, 40.6222, -9.2980



121.5300, 63.3357, -14.4968



124.6550, 33.6941, 19.5966



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Inverse Universe

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



138.4090, 26.9134, 47.8763



164.8850, 41.9617, 74.6459



168.6440, -33.8415, -18.9818



91.1300, 2.8939, 5.1480



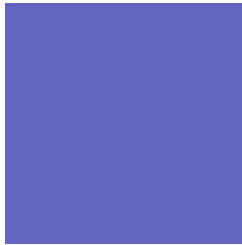
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 110.6020, 40.6222, -9.2980 looks on a white background.

Color Contrast Check

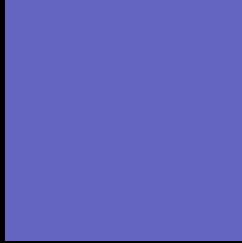
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.6020, 40.6222, -9.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

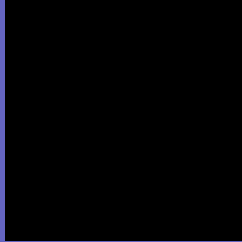
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.6020, 40.6222, -9.2980

Background



This preview shows how black text looks on a background with the YUV color 110.6020, 40.6222, -9.2980.



This preview shows how white text looks on a background with the YUV color 110.6020, 40.6222, -9.2980.

-9.2980.

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

110.6020, 40.6222, -9.2980

Protanopia

104.7450, 46.9607, -35.7334

Deuteranopia

100.8700, 43.9411, -47.2440



Tritanopia

106.2620, 9.2378, -23.0318

Trichromacy



Original Color

110.6020, 40.6222, -9.2980

Protanomaly

106.5290, 44.6022, -25.8969

Deuteranomaly

104.3170, 42.7347, -33.6040

Tritanomaly

107.6830, 20.8623, -18.1390

Monochromacy



Original Color

110.6020, 40.6222, -9.2980

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8760, 14.8511, -3.3993

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6020, 40.6222, -9.2980 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(100, 100, 193)` looks like.

```
.text, #text, p{  
    color:rgb(100, 100, 193)  
}
```

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(100, 100, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 100, 193) }
```

Border

The CSS property to change the border of an element to YUV 110.6020, 40.6222, -9.2980 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(100, 100, 193) }
```


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

```
.border{ border-color:rgb(100, 100, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 100, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 100, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 100, 193);  
box-shadow:4px 4px 4px 4px rgb(100, 100,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 110.6020, 40.6222, -9.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 100, 193) }
```

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

```
.background{ background-color: rgb(100,  
100, 193) }
```

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