

Converting Colors

YUV(120.3390, 19.5529,
28.6437)

Have a look what the booklet for
YUV(120.3390, 19.5529, 28.6437)
contains.

YUV(120.3390, 19.5529, 28.6437)	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(120.3390, 19.5529,
28.6437)**

Conversions

Conversions Part 1

Format	Color
Hex	9960A0
RGB	153, 96, 160
RGB Percent	60%, 38%, 63%
CMY	0.4000, 0.6235, 0.3725
CMYK	0.04, 0.40, 0.00, 0.37
HSL	293°, 25%, 50%
HSV	293°, 40%, 63%
XYZ	23.6649, 17.6761, 35.4223
YIQ	120.3390, 13.4280, 31.9880

Conversions

Conversions Part 2

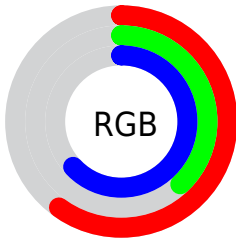
Format	Color
R_{YB}	153, 96, 160
Decimal	10051744
CIE _{Lab}	49.10, 33.94, -25.31
CIE _{LCh}	49, 42.342, 323.291
Yxy	17.6761, 0.3083, 0.2303
Android (android.graphics.Color)	4288241824 (0xFF9960A0)
YUV	120.3390, 19.5529, 28.6437
Hunter-Lab	42.0430, 26.8979, -20.5232

Details

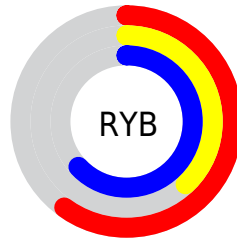
The YUV color $120.3390, 19.5529, 28.6437$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $135.6610, -19.5529, -28.6437$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.5780, 20.4210, 30.1881$, and $69.8010, 18.8321, 26.4845$ is the 20% darker color. If you saturate the color by 10%, you get $110.3490, 24.4779, 35.6509$, and if you desaturate by 10%, it is $130.3290, 14.6278, 21.6365$.

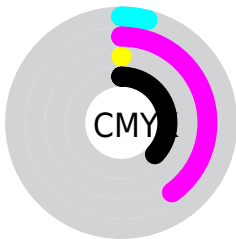
Distribution



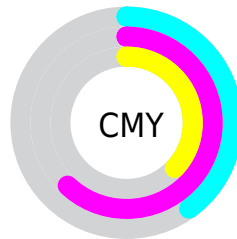
- Red (60%)
- Green (38%)
- Blue (63%)



- Red (60%)
- Yellow (38%)
- Blue (63%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3390, 19.5529, 28.6437 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 120.3390, 19.5529, 28.6437 by changing the saturation by 10% instead.

■ 120.3390, 19.5529,
28.6437

■ 120.3390, 19.5529,
28.6437

■ 255.0000, 0.0000,
0.0000

■ 94.6270, 19.4109,
27.5141

■ 173.5780, 20.4210,
30.1881

■ 69.8010, 18.8321,
26.4845

■ 201.2900, 20.5630,
31.3177

■ 45.5020, 18.9795,
25.8697

■ 224.4760, 15.0483,
26.7695

■ 22.0890, 18.6901,
25.3549

■ 240.9120, 6.9454,
12.3552

■ 14.0140, 12.3181,
15.7737

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 120.3390, 19.5529,
28.6437

■ 120.3390, 19.5529,
28.6437

■ 110.3490, 24.4779,
35.6509

■ 130.3290, 14.6278,
21.6365

■ 100.3590, 29.4030,
42.6582

■ 140.3190, 9.7027,
14.6292

■ 90.6680, 34.1807,
50.2802

■ 150.0100, 4.9251,
7.0072

■ 80.6780, 39.1057,
57.2874

■ 160.0000, 0.0000,
0.0000

■ 70.6880, 44.0308,
64.2946

■ 169.9900, -4.9251,
-7.0072

■ 60.9970, 48.8085,
71.9166

■ 179.9800, -9.8501,
-14.0145

■ 189.6710,
-14.6278, -21.6365

■ 199.6610,
-19.5529, -28.6437

■ 209.6510,
-24.4779, -35.6509

Harmonies

Analogous

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



116.8270, 32.6233, -10.3723



120.3390, 19.5529, 28.6437



118.0680, 3.9105, 52.5604

Triad

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



120.3390, 19.5529, 28.6437



113.5880, -35.2929, 26.6713



95.0740, 24.1205, -83.3799

Complementary

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



120.3390, 19.5529, 28.6437



135.6610, -19.5529, -28.6437

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.



90.8560, 7.9590, -79.6807



120.3390, 19.5529, 28.6437



110.1500, -31.1330, -1.0086

Square

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



120.3390, 19.5529, 28.6437



115.1960, -27.2116, 48.0631



103.9530, -15.7528, -34.1618



96.6190, 37.6558, -84.7349

Rectangle

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



120.3390, 19.5529, 28.6437



117.1260, -7.4571, 58.6485



103.9530, -15.7528, -34.1618



94.2930, 18.5896, -82.6950

Sweetspot

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



120.3390, 19.5529, 28.6437



193.4280, 7.6770, 11.0256



107.4050, 25.9293, -10.0022



95.5970, 4.6357, 6.4924



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.



120.3390, 19.5529, 28.6437



147.0110, 30.5606, 44.7174



119.5820, 7.6011, 35.4466



74.0050, 2.4625, 3.5036



54.2750, 43.7414, 63.7798



5.8960, 4.4883, 7.1072

Inverse Universe

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



115.9340, -6.3765, 38.6459



140.1540, -9.9359, 60.3779



136.4180, -7.6011, -35.4466



73.5060, -0.7425, 4.8182



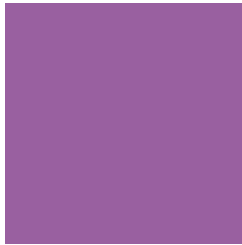
44.5810, -14.0904, 86.3135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 120.3390, 19.5529, 28.6437 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 120.3390, 19.5529, 28.6437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

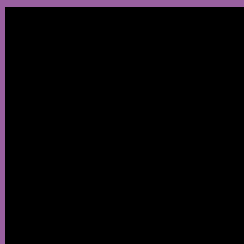
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.3390, 19.5529, 28.6437

Background



This preview shows how black text looks on a background with the YUV color 120.3390, 19.5529, 28.6437.



This preview shows how white text looks on a background with the YUV color 120.3390, 19.5529, 28.6437.

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

120.3390, 19.5529, 28.6437

Protanopia

116.1590, 29.0086, -17.6794

Deuteranopia

117.2820, 19.0880, -9.0173



Tritanopia

119.1710, -2.5493, 24.4060

Trichromacy



Original Color

120.3390, 19.5529, 28.6437

Protanomaly

117.7590, 25.7548, -0.6656

Deuteranomaly

118.3700, 19.0446, 4.9375

Tritanomaly

119.3590, 5.7390, 25.9952

Monochromacy



Original Color

120.3390, 19.5529, 28.6437

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0150, 7.3876, 10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3390, 19.5529, 28.6437 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(153, 96, 160)` looks like.

```
.text, #text, p{  
    color:rgb(153, 96, 160)  
}
```

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(153, 96, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 96, 160) }
```

Border

The CSS property to change the border of an element to YUV 120.3390, 19.5529, 28.6437 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(153, 96, 160) }
```


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

```
.border{ border-color:rgb(153, 96, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 96, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 96, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 96, 160);  
box-shadow:4px 4px 4px 4px rgb(153, 96,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 120.3390, 19.5529, 28.6437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 96, 160) }
```

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

```
.background{ background-color: rgb(153, 96,  
160) }
```

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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