

Converting Colors

YUV(128.1360, 20.6390, 6.8967)

Have a look what the booklet for
YUV(128.1360, 20.6390, 6.8967)
contains.

YUV(128.1360, 20.6390, 6.8967)	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(128.1360, 20.6390,
6.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	8874AA
RGB	136, 116, 170
RGB Percent	53%, 45%, 67%
CMY	0.4667, 0.5451, 0.3333
CMYK	0.20, 0.32, 0.00, 0.33
HSL	262°, 24%, 56%
HSV	262°, 32%, 67%
XYZ	23.6544, 20.6273, 40.7650
YIQ	128.1360, -5.4140, 21.0340

Conversions

Conversions Part 2

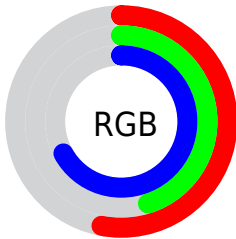
Format	Color
R _{YB}	136, 116, 170
Decimal	8942762
CIE _{Lab}	52.54, 19.08, -25.98
CIE _{LCh}	53, 32.229, 306.295
Yxy	20.6273, 0.2781, 0.2425
Android (android.graphics.Color)	4287132842 (0xFF8874AA)
YUV	128.1360, 20.6390, 6.8967
Hunter-Lab	45.4173, 13.4869, -21.4245

Details

The YUV color **128.1360, 20.6390, 6.8967** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **157.8640, -20.6390, -6.8967**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0760, 21.6545, 7.8263**, and **78.7830, 19.3340, 5.4523** is the 20% darker color. If you saturate the color by 10%, you get **114.8680, 27.1801, 8.8858**, and if you desaturate by 10%, it is **141.4040, 14.0978, 4.9077**.

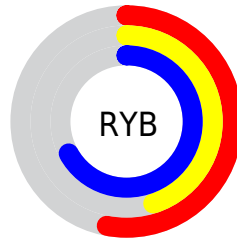
Distribution



Red (53%)

Green (45%)

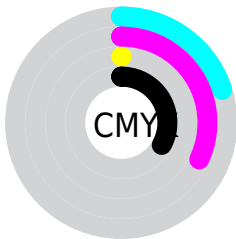
Blue (67%)



Red (53%)

Yellow (45%)

Blue (67%)

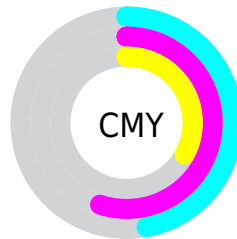


Cyan (20%)

Magenta (32%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1360, 20.6390, 6.8967 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 128.1360, 20.6390, 6.8967 by changing the saturation by 10% instead.

■ 128.1360, 20.6390,
6.8967

■ 128.1360, 20.6390,
6.8967

■ 255.0000, 0.0000,
0.0000

■ 102.6090, 19.9128,
6.4819

■ 181.0760, 21.6545,
7.8263

■ 78.7830, 19.3340,
5.4523

■ 208.6030, 22.3807,
8.2412

■ 55.2560, 18.6078,
5.0375

■ 233.8240, 10.4398,
11.5554

■ 33.3160, 17.5922,
4.1079

■ 253.2390, 0.8682,
1.5444

■ 10.6260, 17.4394,
6.4670

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 128.1360, 20.6390,
6.8967

■ 128.1360, 20.6390,
6.8967

■ 114.8680, 27.1801,
8.8858

■ 141.4040, 14.0978,
4.9077

■ 101.8990, 33.5738,
11.4896

■ 154.3730, 7.7041,
2.3039

■ 88.6310, 40.1149,
13.4786

■ 167.6410, 1.1630,
0.3148

■ 75.3630, 46.6560,
15.4676

■ 180.9090, -5.3781,
-1.6742

■ 62.0950, 53.1972,
17.4567

■ 194.1770,
-11.9193, -3.6632

■ 49.1260, 59.5909,
20.0605

■ 207.1460,
-18.3130, -6.2670

■ 38.2170, 64.9690,
21.7347

■ 220.4140,
-24.8541, -8.2561

■ 233.6820,
-31.3952, -10.2451

■ 238.4330,
-33.7375, -5.6417

Harmonies

Analogous

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



122.5880, 28.3041, -25.0717



128.1360, 20.6390, 6.8967



129.0160, 9.3591, 31.5580

Triad

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



128.1360, 20.6390, 6.8967



124.7810, -24.5420, 31.7641



105.0730, 12.2890, -68.4700

Complementary

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



128.1360, 20.6390, 6.8967



157.8640, -20.6390, -6.8967

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.



114.4610, -6.1433, -36.3613



128.1360, 20.6390, 6.8967



123.2040, -26.2296, 12.9761

Square

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



128.1360, 20.6390, 6.8967



126.1490, -15.8495, 43.7193



119.4830, -19.4651, -10.0706



99.4910, 28.3519, -87.2536

Rectangle

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



128.1360, 20.6390, 6.8967



128.1930, 0.8909, 41.0497



119.4830, -19.4651, -10.0706



109.4290, 5.7045, -56.5042

Sweetspot

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



128.1360, 20.6390, 6.8967



204.9000, 8.4303, 2.7187



142.1140, 13.7478, -22.9020



101.9770, 4.9413, 1.7742



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



128.1360, 20.6390, 6.8967



156.8450, 32.1214, 10.6599



136.2090, 16.6590, 23.4957



77.8090, 3.0522, 1.0445



33.3170, 56.5387, 19.0160



4.6720, 7.5567, 2.9187

Inverse Universe

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



136.0220, 6.8912, 29.7987



169.1580, 10.7681, 46.3424



149.7910, -16.6590, -23.4957



78.9620, 1.0047, 4.4183



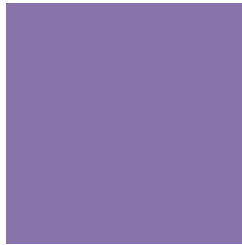
54.8540, 18.8060, 81.6890



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 128.1360, 20.6390, 6.8967 looks on a white background.

Color Contrast Check

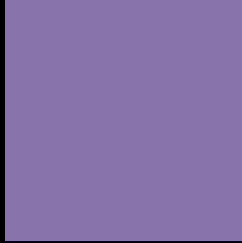
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 128.1360, 20.6390, 6.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

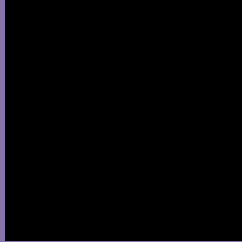
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.1360, 20.6390, 6.8967

Background



This preview shows how black text looks on a background with the YUV color 128.1360, 20.6390, 6.8967.



This preview shows how white text looks on a background with the YUV color 128.1360, 20.6390,

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

128.1360, 20.6390, 6.8967

Protanopia

125.4430, 24.9246, -14.4205

Deuteranopia

126.0260, 20.6932, -10.5468



Tritanopia

126.2330, 3.3361, 3.3037

Trichromacy



Original Color

128.1360, 20.6390, 6.8967

Protanomaly

126.4440, 23.4451, -6.5284

Deuteranomaly

126.7710, 20.8189, -4.1842

Tritanomaly

126.5520, 9.5879, 4.7779

Monochromacy



Original Color

128.1360, 20.6390, 6.8967

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1360, 20.6390, 6.8967 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(136, 116, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 116, 170)  
}
```

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(136, 116, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 116, 170) }
```

Border

The CSS property to change the border of an element to YUV 128.1360, 20.6390, 6.8967 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(136, 116, 170) }
```


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

```
.border{ border-color:rgb(136, 116, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 116, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 116, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 116, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 116,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 128.1360, 20.6390, 6.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 116, 170) }
```

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

```
.background{ background-color: rgb(136,  
116, 170) }
```

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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