

Converting Colors

YUV(100.9780, 20.2238, 0.0193)

Have a look what the booklet for
YUV(100.9780, 20.2238, 0.0193)
contains.

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Color

**YUV(100.9780, 20.2238,
0.0193)**

Conversions

Conversions Part 1

Format	Color
Hex	655D8E
RGB	101, 93, 142
RGB Percent	40%, 36%, 56%
CMY	0.6039, 0.6353, 0.4431
CMYK	0.29, 0.35, 0.00, 0.44
HSL	250°, 21%, 46%
HSV	250°, 35%, 56%
XYZ	14.1637, 12.5484, 27.2668
YIQ	100.9780, -10.9610, 16.9350

Conversions

Conversions Part 2

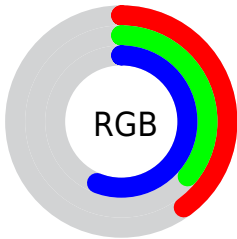
Format	Color
R_{YB}	101, 93, 142
Decimal	6643086
CIE _{Lab}	42.07, 14.76, -25.93
CIE _{LCh}	42, 29.841, 299.647
Yxy	12.5484, 0.2624, 0.2325
Android (android.graphics.Color)	4284833166 (0xFF655D8E)
YUV	100.9780, 20.2238, 0.0193
Hunter-Lab	35.4237, 9.3792, -20.8408

Details

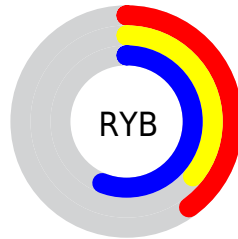
The YUV color **100.9780, 20.2238, 0.0193** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **134.0220, -20.2238, -0.0193**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0320, 21.6762, 0.8489**, and **53.5110, 18.4821, -1.3251** is the 20% darker color. If you saturate the color by 10%, you get **89.1720, 26.0442, -0.1508**, and if you desaturate by 10%, it is **112.7840, 14.4035, 0.1894**.

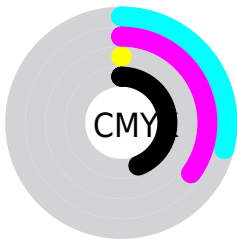
Distribution



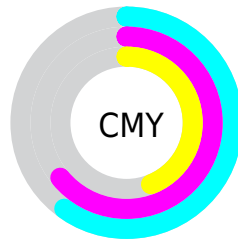
- Red (40%)
- Green (36%)
- Blue (56%)



- Red (40%)
- Yellow (36%)
- Blue (56%)



- Cyan (29%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9780, 20.2238, 0.0193 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 100.9780, 20.2238, 0.0193 by changing the saturation by 10% instead.

■ 100.9780, 20.2238,
0.0193

■ 100.9780, 20.2238,
0.0193

■ 255.0000, 0.0000,
0.0000

■ 76.4510, 19.4977,
-0.3955

■ 152.0320, 21.6762,
0.8489

■ 53.5110, 18.4821,
-1.3251

■ 179.1460, 22.1130,
0.7490

■ 31.6850, 17.9033,
-2.3547

■ 206.6730, 22.8392,
1.1638

■ 7.8210, 18.3292,
1.0340

■ 232.0080, 11.3351,
4.3780

■ 3.3230, 10.1938,
-2.9143

■ 254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

■ 100.9780, 20.2238,
0.0193

■ 100.9780, 20.2238,
0.0193

■ 89.1720, 26.0442,
-0.1508

■ 112.7840, 14.4035,
0.1894

■ 77.3660, 31.8646,
-0.3210

■ 124.5900, 8.5831,
0.3596

■ 64.9730, 37.9743,
0.0237

■ 136.9830, 2.4734,
0.0149

■ 53.1670, 43.7947,
-0.1465

■ 148.7890, -3.3470,
0.1850

■ 41.6600, 49.4676,
0.2982

■ 160.2960, -9.0199,
-0.2596

■ 29.8540, 55.2880,
0.1280


■ 172.1020,
-14.8403, -0.0895

■ 23.0650, 58.6350,
-0.0570

■ 183.9080,
-20.6606, 0.0807

■ 196.3010,

-26.7704, -0.2640

 208.1070,
-32.5908, -0.0938

Harmonies

Analogous

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



94.3870, 26.4312, -31.0344



100.9780, 20.2238, 0.0193



102.3140, 10.6912, 24.2806

Triad

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



100.9780, 20.2238, 0.0193



98.8070, -20.6109, 30.8643



80.2050, 8.7729, -60.6928

Complementary

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



100.9780, 20.2238, 0.0193



134.0220, -20.2238, -0.0193

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.



90.6470, -8.2070, -27.7544



100.9780, 20.2238, 0.0193



97.4970, -23.9090, 15.3501

Square

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



100.9780, 20.2238, 0.0193



100.1530, -11.9074, 39.3308



94.8150, -19.6288, -4.2228



79.7660, 21.3144, -69.9548

Rectangle

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



100.9780, 20.2238, 0.0193



101.5450, 3.6753, 34.6020



94.8150, -19.6288, -4.2228



85.8710, 2.0356, -46.3679

Sweetspot

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



100.9780, 20.2238, 0.0193



168.0630, 7.8569, -0.0553



123.2400, 9.2487, -26.5205



82.8520, 4.5100, 0.1298



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



100.9780, 20.2238, 0.0193



120.5510, 31.2804, 0.3938



108.1540, 16.6861, 14.7739



65.0970, 2.9102, -0.0851



21.9680, 55.7248, 0.0281



1.2110, 3.3470, -0.1850

Inverse Universe

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



112.3250, 10.6858, 26.0250



137.9060, 16.3153, 40.4244



126.8460, -16.6861, -14.7739



66.7770, 1.5889, 3.7036



53.2470, 29.4582, 71.6974



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 100.9780, 20.2238, 0.0193 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 100.9780, 20.2238, 0.0193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

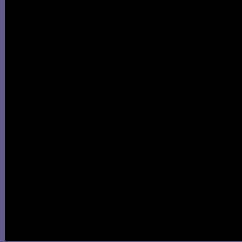
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.9780, 20.2238, 0.0193

Background



This preview shows how black text looks on a background with the YUV color 100.9780, 20.2238, 0.0193.



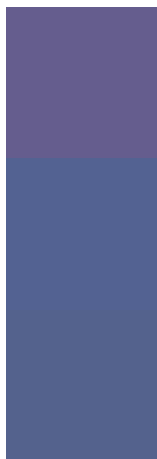
This preview shows how white text looks on a background with the YUV color 100.9780, 20.2238,

0.0193.

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

100.9780, 20.2238, 0.0193

Protanopia

98.9870, 23.1774, -14.0206

Deuteranopia

98.7160, 20.8460, -12.9059



Tritanopia

99.1180, 4.3788, -4.4885

Trichromacy



Original Color

100.9780, 20.2238, 0.0193

Protanomaly

99.7920, 22.2875, -8.5876

Deuteranomaly

99.3360, 20.5404, -8.1877

Tritanomaly

99.6220, 10.0464, -2.2995

Monochromacy



Original Color

100.9780, 20.2238, 0.0193

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9780, 20.2238, 0.0193 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(101, 93, 142)` looks like.

```
.text, #text, p{  
    color:rgb(101, 93, 142)  
}
```

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(101, 93, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 93, 142) }
```

Border

The CSS property to change the border of an element to YUV 100.9780, 20.2238, 0.0193 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(101, 93, 142) }
```


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

```
.border{ border-color:rgb(101, 93, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 93, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 93, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 93, 142);  
box-shadow:4px 4px 4px 4px rgb(101, 93,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 100.9780, 20.2238, 0.0193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 93, 142) }
```

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

```
.background{ background-color: rgb(101, 93,  
142) }
```

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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