

Converting Colors

YUV(105.9390, -0.9559,
-20.1175)

Have a look what the booklet for
YUV(105.9390, -0.9559, -20.1175)
contains.

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Color

**YUV(105.9390, -0.9559,
-20.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	537668
RGB	83, 118, 104
RGB Percent	33%, 46%, 41%
CMY	0.6745, 0.5373, 0.5922
CMYK	0.30, 0.00, 0.12, 0.54
HSL	156°, 17%, 39%
HSV	156°, 30%, 46%
XYZ	12.5444, 15.7953, 15.4843
YIQ	105.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

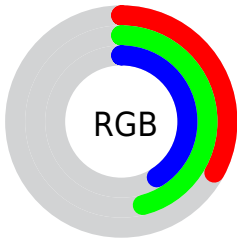
Format	Color
R_{YB}	83, 105, 118
Decimal	5469800
CIE _{Lab}	46.70, -15.71, 3.72
CIE _{LCh}	47, 16.143, 166.684
Yxy	15.7953, 0.2862, 0.3604
Android (android.graphics.Color)	4283659880 (0xFF537668)
YUV	105.9390, -0.9559, -20.1175
Hunter-Lab	39.7434, -13.2100, 4.7205

Details

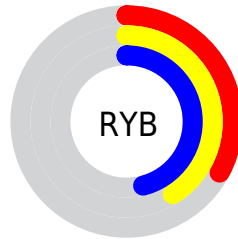
The YUV color **105.9390, -0.9559, -20.1175** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **95.0610, 0.9559, 20.1175**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2270, -1.0979, -21.2471**, and **57.7650, -0.3771, -19.0879** is the 20% darker color. If you saturate the color by 10%, you get **101.7810, -1.3710, -26.9949**, and if you desaturate by 10%, it is **110.0970, -0.5408, -13.2401**.

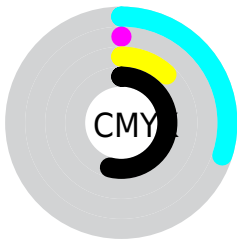
Distribution



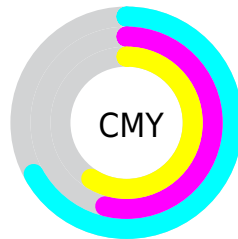
- Red (33%)
- Green (46%)
- Blue (41%)



- Red (33%)
- Yellow (41%)
- Blue (46%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (54%)



- Cyan (67%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.9390, -0.9559, -20.1175 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 105.9390, -0.9559, -20.1175 by changing the saturation by 10% instead.

■ 105.9390, -0.9559,
-20.1175

■ 105.9390, -0.9559,
-20.1175

■ 255.0000, 0.0000,
0.0000

■ 81.3520, -0.6665,
-19.6027

■ 157.2270, -1.0979,
-21.2471

■ 57.7650, -0.3771,
-19.0879

■ 184.8140, -1.3873,
-21.7619

■ 35.5800, 0.2071,
-19.8027

■ 212.4010, -1.6767,
-22.2767

■ 17.4450, -1.6984,
-15.2993

■ 240.5150, -1.2399,
-22.3767

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,
-6.7625

■ 105.9390, -0.9559,
-20.1175

■ 105.9390, -0.9559,
-20.1175

■ 101.7810, -1.3710,
-26.9949

■ 110.0970, -0.5408,
-13.2401

■ 97.7370, -1.3493,
-33.9723

■ 114.1410, -0.5625,
-6.2627

■ 93.8780, -1.9119,
-40.2350

■ 118.0000, 0.0000,
0.0000

■ 89.7200, -2.3270,
-47.1124

■ 122.1580, 0.4151,
6.8774

■ 85.5620, -2.7421,
-53.9899

■ 126.3160, 0.8302,
13.7549

■ 81.5180, -2.7204,
-60.9673

■ 130.3600, 0.8085,
20.7323

■ 77.3600, -3.1355,
-67.8447

■ 134.5180, 1.2236,
27.6097

■ 138.3770, 1.7861,

33.8724

■ 142.4210, 1.7644,
40.8498

Harmonies

Analogous

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



107.8820, -7.8298, -8.6665



105.9390, -0.9559, -20.1175



104.8440, 6.4859, -27.0502

Triad

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



105.9390, -0.9559, -20.1175



110.8820, 12.3832, -5.1585



112.2000, -9.9586, 20.8726

Complementary

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



105.9390, -0.9559, -20.1175



95.0610, 0.9559, 20.1175

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.



112.7040, -4.2911, 23.0616



105.9390, -0.9559, -20.1175



112.8190, 7.9772, 8.0517

Square

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



105.9390, -0.9559, -20.1175



108.5490, 14.0263, -18.8985



113.2780, 1.8349, 18.1732



111.0590, -12.8471, 13.9803

Rectangle

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



105.9390, -0.9559, -20.1175



105.4570, 10.1277, -28.4648



113.2780, 1.8349, 18.1732



112.5530, -8.6536, 22.3170

Sweetspot

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



105.9390, -0.9559, -20.1175



148.1300, -0.5571, -8.0070



107.7310, -12.1924, -9.4111



73.8530, -0.4205, -5.1331



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



105.9390, -0.9559, -20.1175



134.0470, -1.5022, -31.6132



105.7740, 6.0274, -19.9728



56.8640, -0.4260, -3.3887



79.9360, -3.4194, -70.1039



163.8500, -6.8280, -143.6964

Inverse Universe

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



95.0610, 0.9559, 20.1175



116.9530, 1.5022, 31.6132



95.8130, -6.3168, 19.4580



55.0220, -0.0108, 3.4887



42.0640, 3.4194, 70.1039



86.1500, 6.8280, 143.6964

Previews

White Background



This preview shows how the YUV color 105.9390, -0.9559, -20.1175 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 105.9390, -0.9559, -20.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

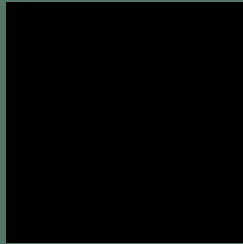
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.9390, -0.9559, -20.1175

Background



This preview shows how black text looks on a background with the YUV color 105.9390, -0.9559, -20.1175.



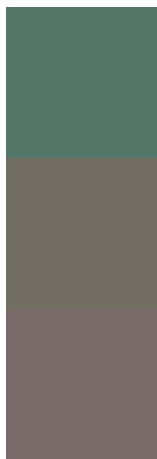
This preview shows how white text looks on a background with the YUV color 105.9390, -0.9559, -20.1175.

-20.1175.

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

105.9390, -0.9559, -20.1175

Protanopia

110.3550, -5.1050, 4.0737

Deuteranopia

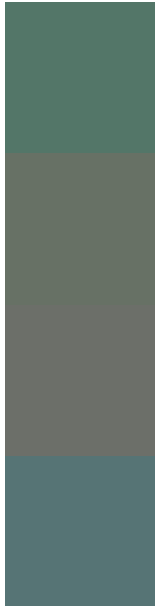
111.3710, -2.6479, 9.3216



Tritanopia

107.6540, 8.0586, -18.1136

Trichromacy



Original Color

105.9390, -0.9559, -20.1175

Protanomaly

108.6420, -3.7675, -4.9480

Deuteranomaly

109.4190, -2.1786, -1.2445

Tritanomaly

107.1440, 4.8590, -18.5433

Monochromacy



Original Color

105.9390, -0.9559, -20.1175

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9390, -0.9559, -20.1175 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(83, 118, 104)` looks like.

```
.text, #text, p{  
    color:rgb(83, 118, 104)  
}
```

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(83, 118, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 118, 104) }
```

Border

The CSS property to change the border of an element to YUV 105.9390, -0.9559, -20.1175 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(83, 118, 104) }
```


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

```
.border{ border-color:rgb(83, 118, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 118, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 118, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 118, 104);  
box-shadow:4px 4px 4px 4px rgb(83, 118,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 105.9390, -0.9559, -20.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 118, 104) }
```

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

```
.background{ background-color: rgb(83, 118,  
104) }
```

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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