

Converting Colors

YUV(120.0290, 9.3527,
-13.1804)

Have a look what the booklet for
YUV(120.0290, 9.3527, -13.1804)
contains.

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Color

**YUV(120.0290, 9.3527,
-13.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	697C8B
RGB	105, 124, 139
RGB Percent	41%, 49%, 55%
CMY	0.5882, 0.5137, 0.4549
CMYK	0.24, 0.11, 0.00, 0.45
HSL	206°, 14%, 48%
HSV	206°, 24%, 55%
XYZ	17.6936, 19.2826, 27.2155
YIQ	120.0290, -16.1390, 0.6370

Conversions

Conversions Part 2

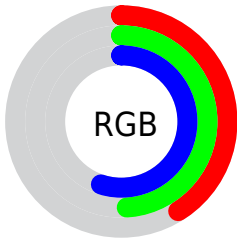
Format	Color
R_{YB}	105, 117, 139
Decimal	6913163
CIE _{Lab}	51.02, -3.37, -10.44
CIE _{LCh}	51, 10.969, 252.107
Yxy	19.2826, 0.2756, 0.3004
Android (android.graphics.Color)	4285103243 (0xFF697C8B)
YUV	120.0290, 9.3527, -13.1804
Hunter-Lab	43.9120, -4.9227, -6.0079

Details

The YUV color $[120.0290, 9.3527, -13.1804]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[123.9710, -9.3527, 13.1804]$, and the grayscale version is $[120.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[172.1430, 9.7895, -13.2804]$, and $[71.2140, 8.7685, -12.4657]$ is the 20% darker color. If you saturate the color by 10%, you get $[112.3210, 13.1527, -18.6985]$, and if you desaturate by 10%, it is $[127.7370, 5.5527, -7.6623]$.

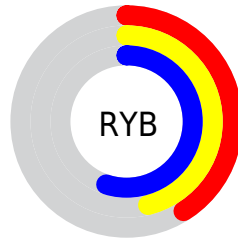
Distribution



Red (41%)

Green (49%)

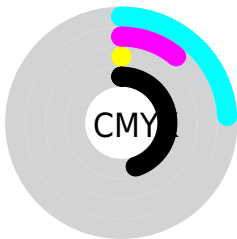
Blue (55%)



Red (41%)

Yellow (46%)

Blue (55%)

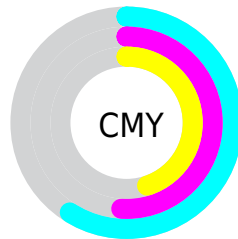


Cyan (24%)

Magenta (11%)

Yellow (0%)

Black (45%)



Cyan (59%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.0290, 9.3527, -13.1804 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 120.0290, 9.3527, -13.1804 by changing the saturation by 10% instead.

■ 120.0290, 9.3527,
-13.1804

■ 120.0290, 9.3527,
-13.1804

■ 255.0000, 0.0000,
0.0000

■ 95.0290, 9.3527,
-13.1804

■ 172.1430, 9.7895,
-13.2804

■ 71.2140, 8.7685,
-12.4657

■ 199.8440, 9.9369,
-13.8952

■ 48.8010, 8.4791,
-12.9805

■ 227.9580, 10.3737,
-13.9952

■ 27.3880, 8.1897,
-13.4953

■ 250.5150, 2.2111,
-9.2217

■ 6.7310, 8.0206,
-5.9031

■ 0.0000, 0.0000,
0.0000

■ 120.0290, 9.3527,
-13.1804

■ 120.0290, 9.3527,
-13.1804

■ 112.3210, 13.1527,
-18.6985

■ 127.7370, 5.5527,
-7.6623

■ 104.6130, 16.9528,
-24.2166

■ 135.4450, 1.7526,
-2.1443

■ 96.9050, 20.7528,
-29.7347

■ 143.1530, -2.0474,
3.3738

■ 88.6100, 24.8423,
-34.7380

■ 151.4480, -6.1369,
8.3771

■ 81.2010, 28.4949,
-39.6413

■ 158.8570, -9.7895,
13.2804

■ 73.4930, 32.2950,
-45.1594

■ 166.5650,
-13.5895, 18.7985

■ 65.7850, 36.0950,
-50.6774

■ 174.2730,
-17.3896, 24.3166

■ 61.6320, 38.1424,

■ 181.9810,

-54.0513

-21.1896, 29.8347

 189.6890,
-24.9897, 35.3527

Harmonies

Analogous

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



118.5400, 7.6218, -18.0136



120.0290, 9.3527, -13.1804



121.6710, 9.0362, -4.9735

Triad

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



120.0290, 9.3527, -13.1804



123.1160, -2.5222, 15.6843



119.6590, -6.2409, -4.9629

Complementary

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



120.0290, 9.3527, -13.1804



123.9710, -9.3527, 13.1804

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.



120.7310, -8.7414, 3.7439



120.0290, 9.3527, -13.1804



122.3780, -6.5954, 15.4545

Square

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



120.0290, 9.3527, -13.1804



123.5330, 1.7092, 11.8106



121.7750, -8.7631, 10.7213



118.7550, -1.8512, -12.9401

Rectangle

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



120.0290, 9.3527, -13.1804



122.5470, 7.1253, 1.2743



121.7750, -8.7631, 10.7213



120.1540, -6.9779, -1.8891

Sweetspot

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



120.0290, 9.3527, -13.1804



173.5910, 3.6526, -4.9033



126.6680, -3.2873, -19.0028



87.8470, 2.0474, -3.3738



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.



120.0290, 9.3527, -13.1804



151.9510, 14.3212, -20.1280



110.0500, 14.2724, -4.4288



65.1460, 1.9000, -2.7590



58.6000, 36.6792, -51.3922



2.3310, 1.3158, -2.0443

Inverse Universe

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



117.3320, 3.2873, 19.0028



147.8540, 5.0020, 29.0690



133.9500, -14.2723, 4.4289



64.5490, 0.7153, 3.9035



48.2030, 12.7179, 74.3670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 120.0290, 9.3527, -13.1804 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 120.0290, 9.3527, -13.1804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

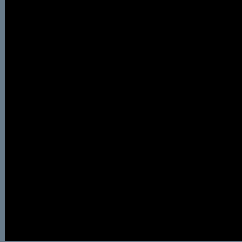
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.0290, 9.3527, -13.1804

Background



This preview shows how black text looks on a background with the YUV color 120.0290, 9.3527, -13.1804.



This preview shows how white text looks on a background with the YUV color 120.0290, 9.3527,

-13.1804.

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

120.0290, 9.3527, -13.1804

Protanopia

121.6390, 7.5730, -2.3144

Deuteranopia

122.3020, 8.7251, 1.4891



Tritanopia

119.8610, 7.4635, -13.9101

Trichromacy



Original Color

120.0290, 9.3527, -13.1804

Protanomaly

120.8450, 8.4574, -6.0031

Deuteranomaly

121.3830, 9.1782, -3.8439

Tritanomaly

119.9750, 7.9003, -14.0101

Monochromacy



Original Color

120.0290, 9.3527, -13.1804

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8900, 3.5052, -4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.0290, 9.3527, -13.1804 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(105, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(105, 124, 139)  
}
```

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(105, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 124, 139) }
```

Border

The CSS property to change the border of an element to YUV 120.0290, 9.3527, -13.1804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

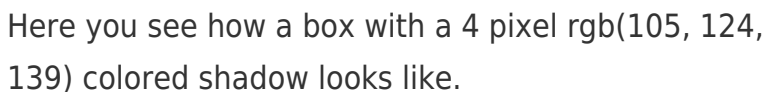
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 124, 139) }
```


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

```
.border{ border-color:rgb(105, 124, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 124, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 124, 139);  
box-shadow:4px 4px 4px 4px rgb(105, 124,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 120.0290, 9.3527, -13.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 124, 139) }
```

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

```
.background{ background-color: rgb(105,  
124, 139) }
```

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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