

Converting Colors

YUV(108.0050, 19.2245,
-6.1434)

Have a look what the booklet for
YUV(108.0050, 19.2245, -6.1434)
contains.

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Color

**YUV(108.0050, 19.2245,
-6.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	656893
RGB	101, 104, 147
RGB Percent	40%, 41%, 58%
CMY	0.6039, 0.5922, 0.4235
CMYK	0.31, 0.29, 0.00, 0.42
HSL	236°, 19%, 49%
HSV	236°, 31%, 58%
XYZ	15.5836, 14.7739, 29.6341
YIQ	108.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

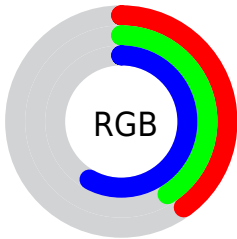
Format	Color
R_{YB}	101, 104, 147
Decimal	6645907
CIE Lab	45.32, 9.34, -23.88
CIE LCh	45, 25.642, 291.356
Yxy	14.7739, 0.2598, 0.2463
Android (android.graphics.Color)	4284835987 (0xFF656893)
YUV	108.0050, 19.2245, -6.1434
Hunter-Lab	38.4369, 5.1055, -18.8056

Details

The YUV color **108.0050, 19.2245, -6.1434** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.9950, -19.2245, 6.1434**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6460, 20.3875, -5.8285**, and **59.9510, 17.7722, -6.9730** is the 20% darker color. If you saturate the color by 10%, you get **95.3020, 25.4871, -8.1579**, and if you desaturate by 10%, it is **120.7080, 12.9620, -4.1289**.

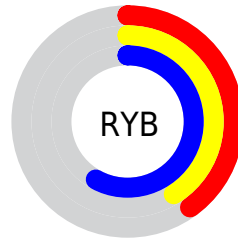
Distribution



Red (40%)

Green (41%)

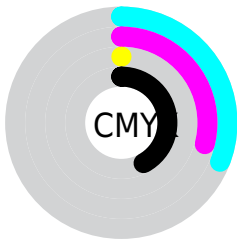
Blue (58%)



Red (40%)

Yellow (41%)

Blue (58%)

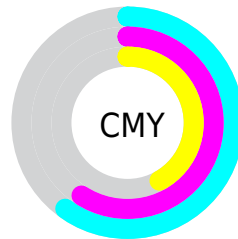


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0050, 19.2245, -6.1434 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 108.0050, 19.2245, -6.1434 by changing the saturation by 10% instead.

■ 108.0050, 19.2245,
-6.1434

■ 108.0050, 19.2245,
-6.1434

■ 255.0000, 0.0000,
0.0000

■ 83.4780, 18.4983,
-6.5582

■ 159.6460, 20.3875,
-5.8285

■ 59.9510, 17.7722,
-6.9730

■ 186.7600, 20.8243,
-5.9285

■ 37.7120, 16.9040,
-8.5174

■ 213.9450, 20.2401,
-5.2138

■ 15.7010, 16.9094,
-10.2618

■ 239.6390, 7.5730,
-2.3144

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 108.0050, 19.2245,
-6.1434

■ 108.0050, 19.2245,
-6.1434

■ 95.3020, 25.4871,
-8.1579

■ 120.7080, 12.9620,
-4.1289

■ 83.4850, 31.3129,
-10.0723

■ 132.5250, 7.1362,
-2.2144

■ 70.7820, 37.5755,
-12.0868

■ 145.2280, 0.8736,
-0.2000

■ 58.0790, 43.8381,
-14.1013

■ 157.9310, -5.3890,
1.8145

■ 45.6750, 49.9532,
-15.5010

■ 170.6340,
-11.6516, 3.8290

■ 33.5590, 55.9264,
-18.0302


■ 182.4510,
-17.4773, 5.7435

■ 22.6280, 61.3154,
-19.8448

■ 195.1540,
-23.7399, 7.7579

■ 207.8570,

-30.0025, 9.7724

 220.2610,
-36.1177, 11.1721

Harmonies

Analogous

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



102.1760, 23.0842, -30.8494



108.0050, 19.2245, -6.1434



109.9000, 11.8813, 15.8737

Triad

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



108.0050, 19.2245, -6.1434



108.2460, -16.3903, 30.4793



96.8120, 1.5717, -37.5461

Complementary

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



108.0050, 19.2245, -6.1434



139.9950, -19.2245, 6.1434

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.



101.4310, -10.5655, -17.9180



108.0050, 19.2245, -6.1434



106.4310, -20.4255, 18.0390

Square

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



108.0050, 19.2245, -6.1434



109.1570, -7.9654, 34.9423



104.4890, -18.4821, 1.3251



92.4320, 14.5770, -55.6299

Rectangle

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



108.0050, 19.2245, -6.1434



110.5440, 5.1548, 26.7099



104.4890, -18.4821, 1.3251



99.0040, -2.9600, -30.6985

Sweetspot

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



108.0050, 19.2245, -6.1434



176.5250, 7.1362, -2.2144



132.9040, 5.4703, -27.9798



87.8410, 4.5154, -1.6146



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



108.0050, 19.2245, -6.1434



129.5560, 30.2919, -9.2576



112.2240, 17.1446, 7.6966



67.7980, 3.0576, -0.6998



21.0150, 57.6736, -18.4302



1.7270, 4.0786, -1.5146

Inverse Universe

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



115.0960, -5.4703, 27.9798



140.9840, -8.8661, 43.8640



135.7760, -17.1446, -7.6966



69.0930, -1.0318, 4.3034



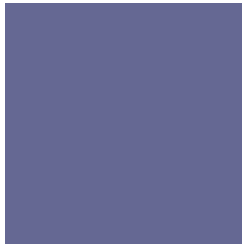
42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 108.0050, 19.2245, -6.1434 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 108.0050, 19.2245, -6.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

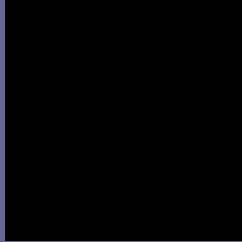
Any Text WCAG AA × Fail

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 108.0050, 19.2245, -6.1434 Background



This preview shows how black text looks on a background with the YUV color 108.0050, 19.2245, -6.1434.



This preview shows how white text looks on a background with the YUV color 108.0050, 19.2245, -6.1434.

-6.1434.

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

108.0050, 19.2245, -6.1434

Protanopia

107.2000, 20.1144, -11.5764

Deuteranopia

107.3850, 19.5302, -10.8616



Tritanopia

106.4270, 5.7055, -10.0215

Trichromacy



Original Color

108.0050, 19.2245, -6.1434

Protanomaly

107.5100, 19.9616, -9.2173

Deuteranomaly

107.3960, 19.5248, -9.1173

Tritanomaly

107.1050, 10.7942, -8.8621

Monochromacy



Original Color

108.0050, 19.2245, -6.1434

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0050, 19.2245, -6.1434 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, 104, 147)` looks like.

```
.text, #text, p{  
    color:rgb(101, 104, 147)  
}
```

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, 104, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 104, 147) }
```

Border

The CSS property to change the border of an element to YUV 108.0050, 19.2245, -6.1434 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, 104, 147) }
```


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

```
.border{ border-color:rgb(101, 104, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 104, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 104, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 104, 147);  
box-shadow:4px 4px 4px 4px rgb(101, 104,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 108.0050, 19.2245, -6.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 104, 147) }
```

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

```
.background{ background-color: rgb(101,  
104, 147) }
```

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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