

Converting Colors

YUV(96.8100, 11.4327,
-27.0204)

Have a look what the booklet for
YUV(96.8100, 11.4327, -27.0204)
contains.

YUV(96.8100, 11.4327, -27.0204)	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(96.8100, 11.4327,
-27.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	426C78
RGB	66, 108, 120
RGB Percent	26%, 42%, 47%
CMY	0.7412, 0.5765, 0.5294
CMYK	0.45, 0.10, 0.00, 0.53
HSL	193°, 29%, 36%
HSV	193°, 45%, 47%
XYZ	10.9995, 13.2394, 19.7450
YIQ	96.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

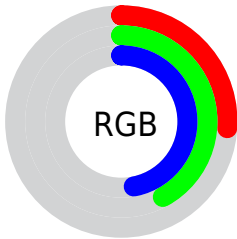
Format	Color
R_{YB}	66, 90, 120
Decimal	4353144
CIE _{Lab}	43.12, -11.18, -11.27
CIE _{LCh}	43, 15.873, 225.237
Yxy	13.2394, 0.2501, 0.3010
Android (android.graphics.Color)	4282543224 (0xFF426C78)
YUV	96.8100, 11.4327, -27.0204
Hunter-Lab	36.3860, -9.7151, -6.7037

Details

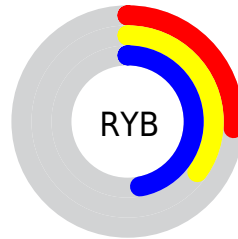
The YUV color **96.8100, 11.4327, -27.0204** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89.1900, -11.4327, 27.0204**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9240, 11.8695, -27.1203**, and **47.9020, 11.8803, -30.6091** is the 20% darker color. If you saturate the color by 10%, you get **91.4610, 14.0697, -32.8533**, and if you desaturate by 10%, it is **102.1590, 8.7956, -21.1874**.

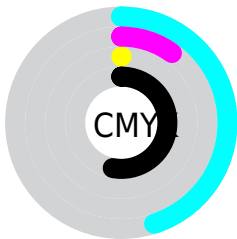
Distribution



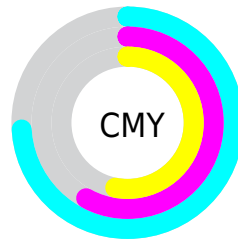
- Red (26%)
- Green (42%)
- Blue (47%)



- Red (26%)
- Yellow (35%)
- Blue (47%)



- Cyan (45%)
- Magenta (10%)
- Yellow (0%)
- Black (53%)



- Cyan (74%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8100, 11.4327, -27.0204 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 96.8100, 11.4327, -27.0204 by changing the saturation by 10% instead.

■ 96.8100, 11.4327,
-27.0204

■ 96.8100, 11.4327,
-27.0204

■ 255.0000, 0.0000,
0.0000

■ 72.3970, 11.1433,
-27.5352

■ 147.9240, 11.8695,
-27.1203

■ 47.9020, 11.8803,
-30.6091

■ 175.0380, 12.3063,
-27.2203

■ 28.4790, 10.1169,
-24.9761

■ 202.7390, 12.4537,
-27.8351

■ 14.3450, 6.7319,
-12.5806

■ 230.9130, 11.8749,
-28.8647

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,
-17.2138

■ 96.8100, 11.4327,
-27.0204

■ 96.8100, 11.4327,
-27.0204

■ 91.4610, 14.0697,
-32.8533

■ 102.1590, 8.7956,
-21.1874

■ 86.6990, 16.4174,
-39.2010

■ 106.9210, 6.4479,
-14.8397

■ 81.3500, 19.0545,
-45.0339

■ 112.2700, 3.8109,
-9.0068

■ 76.0010, 21.6915,
-50.8669

■ 117.6190, 1.1738,
-3.1739

■ 71.2390, 24.0392,
-57.2146

■ 122.3810, -1.1738,
3.1739

■ 68.2710, 25.5024,
-59.8737

■ 127.7300, -3.8109,
9.0068

■ 133.0790, -6.4479,
14.8397

■ 137.8410, -8.7956,

21.1874

■ 143.1900,
-11.4327, 27.0204

Harmonies

Analogous

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



96.0290, 5.9017, -26.3354



96.8100, 11.4327, -27.0204



99.4350, 13.5895, -18.7985

Triad

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



96.8100, 11.4327, -27.0204



104.0930, 2.4192, 17.4584



100.5200, -12.0884, 3.9290

Complementary

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



96.8100, 11.4327, -27.0204



89.1900, -11.4327, 27.0204

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.



102.1730, -12.4103, 13.8803



96.8100, 11.4327, -27.0204



104.1060, -3.9963, 21.8320

Square

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



96.8100, 11.4327, -27.0204



103.5200, 8.1246, 7.4370



103.0150, -9.3744, 20.1578



99.1810, -7.9772, -8.0517

Rectangle

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



96.8100, 11.4327, -27.0204



101.0770, 13.2730, -10.5915



103.0150, -9.3744, 20.1578



101.1290, -12.3886, 6.9029

Sweetspot

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



96.8100, 11.4327, -27.0204



146.4870, 4.6899, -10.9511



99.0660, -10.3855, -28.9989



73.3520, 2.7845, -6.4477



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



96.8100, 11.4327, -27.0204



119.7310, 17.8806, -41.8601



80.9610, 19.2462, -13.1208



58.6190, 1.1738, -3.1739



71.1890, 26.5288, -62.4328



143.7800, 53.3525, -126.0951

Inverse Universe

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



86.9340, 10.3855, 28.9989



104.5260, 16.0097, 45.1427



105.0390, -19.2462, 13.1208



57.3640, 1.2995, 3.1888



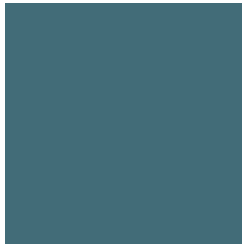
48.4330, 23.9435, 67.1493



97.6920, 48.4658, 135.3281

Previews

White Background



This preview shows how the YUV color 96.8100, 11.4327, -27.0204 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 96.8100, 11.4327, -27.0204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

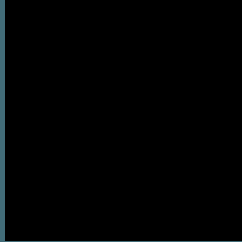
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8100, 11.4327, -27.0204

Background



This preview shows how black text looks on a background with the YUV color 96.8100, 11.4327, -27.0204.



This preview shows how white text looks on a background with the YUV color 96.8100, 11.4327,

-27.0204.

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

96.8100, 11.4327, -27.0204

Protanopia

101.9980, 6.4100, -2.6292

Deuteranopia

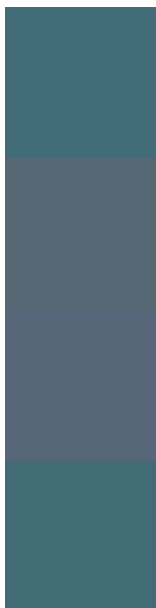
102.2200, 9.7515, -1.0699



Tritanopia

96.1690, 10.2697, -27.3352

Trichromacy



Original Color

96.8100, 11.4327, -27.0204

Protanomaly

100.3990, 8.1843, -11.7509

Deuteranomaly

99.9800, 10.3629, -10.5065

Tritanomaly

96.2830, 10.7065, -27.4352

Monochromacy



Original Color

96.8100, 11.4327, -27.0204

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8100, 11.4327, -27.0204 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(66, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(66, 108, 120)  
}
```

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(66, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 108, 120) }
```

Border

The CSS property to change the border of an element to YUV 96.8100, 11.4327, -27.0204 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(66, 108, 120) }
```


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

```
.border{ border-color:rgb(66, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(66, 108,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 96.8100, 11.4327, -27.0204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 108, 120) }
```

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

```
.background{ background-color: rgb(66, 108,  
120) }
```

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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