

Converting Colors

YUV(96.4090, 26.4204,
-27.5457)

Have a look what the booklet for
YUV(96.4090, 26.4204, -27.5457)
contains.

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Color

**YUV(96.4090, 26.4204,
-27.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	416696
RGB	65, 102, 150
RGB Percent	25%, 40%, 59%
CMY	0.7451, 0.6000, 0.4118
CMYK	0.57, 0.32, 0.00, 0.41
HSL	214°, 40%, 42%
HSV	214°, 57%, 59%
XYZ	12.4364, 12.8286, 30.6749
YIQ	96.4090, -37.4600, 7.0840

Conversions

Conversions Part 2

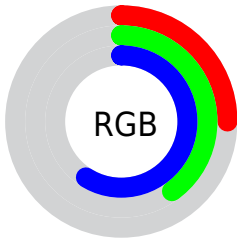
Format	Color
R_{YB}	65, 91, 150
Decimal	4286102
CIE _{Lab}	42.50, 1.67, -30.24
CIE _{LCh}	43, 30.288, 273.152
Yxy	12.8286, 0.2223, 0.2293
Android (android.graphics.Color)	4282476182 (0xFF416696)
YUV	96.4090, 26.4204, -27.5457
Hunter-Lab	35.8170, -0.7010, -25.7060

Details

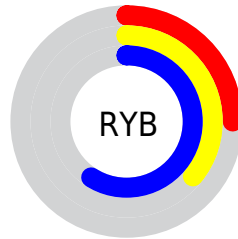
The YUV color **96.4090, 26.4204, -27.5457** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **118.5910, -26.4204, 27.5457**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6480, 27.2885, -26.0013**, and **44.1580, 27.0371, -38.7266** is the 20% darker color. If you saturate the color by 10%, you get **87.2280, 30.9466, -32.6490**, and if you desaturate by 10%, it is **105.5900, 21.8941, -22.4424**.

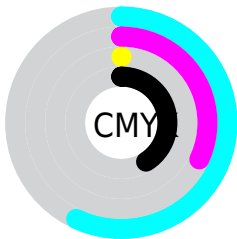
Distribution



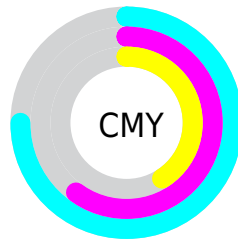
- Red (25%)
- Green (40%)
- Blue (59%)



- Red (25%)
- Yellow (36%)
- Blue (59%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (41%)



- Cyan (75%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4090, 26.4204, -27.5457 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 96.4090, 26.4204, -27.5457 by changing the saturation by 10% instead.

■ 96.4090, 26.4204,
-27.5457

■ 96.4090, 26.4204,
-27.5457

■ 255.0000, 0.0000,
0.0000

■ 70.6860, 26.2838,
-30.4196

■ 148.6480, 27.2885,
-26.0013

■ 44.1580, 27.0371,
-38.7266

■ 175.2890, 28.4515,
-25.6865

■ 29.0950, 22.6312,
-25.5163

■ 202.6050, 25.8307,
-25.0866

■ 12.9720, 19.2408,
-11.3764

■ 227.4130, 13.6004,
-22.2872

■ 4.5940, 12.5252,
-4.0289

■ 247.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 96.4090, 26.4204,
-27.5457

■ 96.4090, 26.4204,
-27.5457

■ 87.2280, 30.9466,
-32.6490

■ 105.5900, 21.8941,
-22.4424

■ 77.4600, 35.7622,
-37.2374

■ 115.3580, 17.0785,
-17.8540

■ 68.2790, 40.2885,
-42.3407

■ 124.5390, 12.5523,
-12.7507

■ 58.5110, 45.1041,
-46.9291

■ 134.3070, 7.7366,
-8.1622

■ 55.2550, 46.7093,
-48.4586


■ 143.4880, 3.2104,
-3.0590

■ 153.2560, -1.6052,
1.5295

■ 162.4370, -6.1314,
6.6328

■ 172.2050,

-10.9471, 11.2212

 181.3860,
-15.4733, 16.3245

Harmonies

Analogous

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



80.3990, 31.3553, -70.5099



96.4090, 26.4204, -27.5457



102.4730, 19.4868, 3.0932

Triad

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



96.4090, 26.4204, -27.5457



100.8110, -13.2178, 39.6308



90.6790, -6.7437, -30.4135

Complementary

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



96.4090, 26.4204, -27.5457



118.5910, -26.4204, 27.5457

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.



95.3200, -18.8918, -7.2966



96.4090, 26.4204, -27.5457



99.8670, -21.6264, 29.9346

Square

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



96.4090, 26.4204, -27.5457



102.1990, -1.5771, 39.2905



98.0730, -24.1930, 13.0910



77.9590, 11.8522, -68.3700

Rectangle

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



96.4090, 26.4204, -27.5457



103.6770, 13.4702, 19.5773



98.0730, -24.1930, 13.0910



92.4690, -11.5702, -22.3363

Sweetspot

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



96.4090, 26.4204, -27.5457



172.9800, 10.3629, -10.5065



120.2530, -4.0687, -48.4569



84.8620, 5.9840, -6.0180



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.



96.4090, 26.4204, -27.5457



110.5070, 41.1620, -42.5406



75.8860, 36.5382, -6.0390



69.5590, 2.1894, -2.2442



50.9520, 42.9147, -44.6849



3.4880, 3.2104, -3.0590

Inverse Universe

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



94.6330, 3.6319, 48.5569



107.9660, 5.4398, 75.4518



139.1140, -36.5382, 6.0390



69.4350, 0.2785, 4.0035



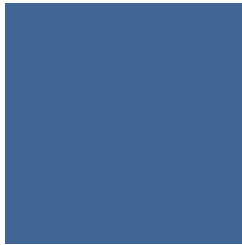
48.1020, 5.8657, 78.8405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 96.4090, 26.4204, -27.5457 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 96.4090, 26.4204, -27.5457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

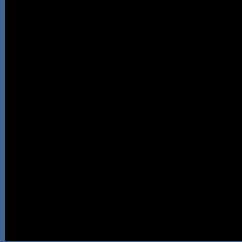
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.4090, 26.4204, -27.5457

Background



This preview shows how black text looks on a background with the YUV color 96.4090, 26.4204, -27.5457.

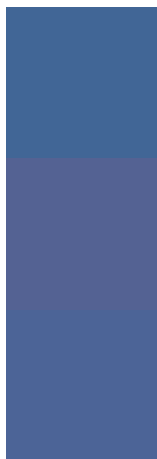


This preview shows how white text looks on a background with the YUV color 96.4090, 26.4204,

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

96.4090, 26.4204, -27.5457

Protanopia

99.4000, 23.4668, -13.5058

Deuteranopia

98.6380, 25.8145, -19.8535



Tritanopia

92.2820, 12.1860, -35.3273

Trichromacy



Original Color

96.4090, 26.4204, -27.5457

Protanomaly

98.0080, 24.6461, -18.4240

Deuteranomaly

98.0290, 26.1147, -22.8274

Tritanomaly

93.9710, 17.2693, -32.4236

Monochromacy



Original Color

96.4090, 26.4204, -27.5457

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1650, 9.7787, -9.7917

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4090, 26.4204, -27.5457 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(65, 102, 150)` looks like.

```
.text, #text, p{  
    color:rgb(65, 102, 150)  
}
```

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(65, 102, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 102, 150) }
```

Border

The CSS property to change the border of an element to YUV 96.4090, 26.4204, -27.5457 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(65, 102, 150) }
```


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

```
.border{ border-color:rgb(65, 102, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 102, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(65, 102, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(65, 102, 150); box-shadow:4px 4px 4px 4px rgb(65, 102, 150) }
```

Background

The CSS property to change the background color of an element to YUV 96.4090, 26.4204, -27.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 102, 150) }
```

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

```
.background{ background-color: rgb(65, 102,  
150) }
```

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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