

Converting Colors

YUV(96.6100, 24.8423,
-34.7380)

Have a look what the booklet for
YUV(96.6100, 24.8423, -34.7380)
contains.

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Color

**YUV(96.6100, 24.8423,
-34.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	396B93
RGB	57, 107, 147
RGB Percent	22%, 42%, 58%
CMY	0.7765, 0.5804, 0.4235
CMYK	0.61, 0.27, 0.00, 0.42
HSL	207°, 44%, 40%
HSV	207°, 61%, 58%
XYZ	12.2115, 13.4918, 29.5643
YIQ	96.6100, -42.6400, 1.8400

Conversions

Conversions Part 2

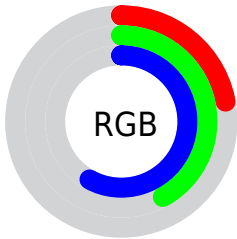
Format	Color
RYB	57, 89, 147
Decimal	3763091
CIELab	43.50, -4.15, -26.93
CIElCh	43, 27.248, 261.246
Yxy	13.4918, 0.2210, 0.2441
Android (android.graphics.Color)	4281953171 (0xFF396B93)
YUV	96.6100, 24.8423, -34.7380
Hunter-Lab	36.7312, -4.9363, -22.0096

Details

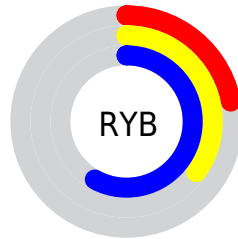
The YUV color **96.6100, 24.8423, -34.7380** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **107.3900, -24.8423, 34.7380**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1480, 25.5630, -32.5788**, and **46.1640, 24.5691, -40.4858** is the 20% darker color. If you saturate the color by 10%, you get **88.0160, 29.0791, -40.3560**, and if you desaturate by 10%, it is **105.2040, 20.6054, -29.1199**.

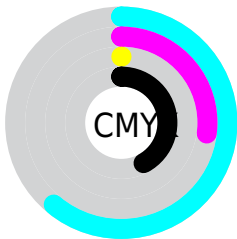
Distribution



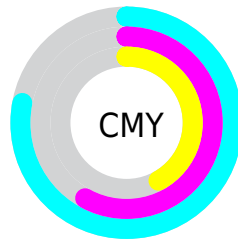
- Red (22%)
- Green (42%)
- Blue (58%)



- Red (22%)
- Yellow (35%)
- Blue (58%)



- Cyan (61%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)



- Cyan (78%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6100, 24.8423, -34.7380 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 96.6100, 24.8423, -34.7380 by changing the saturation by 10% instead.

■ 96.6100, 24.8423,
-34.7380

■ 96.6100, 24.8423,
-34.7380

255.0000, 0.0000,
0.0000

■ 70.2890, 25.0005,
-38.8415

■ 149.1480, 25.5630,
-32.5788

■ 46.1640, 24.5691,
-40.4858

■ 176.2620, 25.9998,
-32.6788

■ 30.5140, 20.4526,
-26.7608

■ 204.0340, 25.1262,
-32.4788

■ 16.1520, 16.1941,
-14.1653

■ 228.8420, 12.8959,
-29.6794

■ 4.3660, 11.6516,
-3.8290

■ 245.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 96.6100, 24.8423,
-34.7380

■ 96.6100, 24.8423,
-34.7380

■ 88.0160, 29.0791,
-40.3560

■ 105.2040, 20.6054,
-29.1199

■ 80.3080, 32.8792,
-45.8741

■ 112.9120, 16.8054,
-23.6018

■ 71.7140, 37.1160,
-51.4922

■ 121.5060, 12.5685,
-17.9838

■ 64.8920, 40.4792,
-56.9103

■ 129.5130, 8.6211,
-11.8509

■ 138.1070, 4.3842,
-6.2328

■ 145.8150, 0.5842,
-0.7148

■ 154.4090, -3.6526,
4.9033

■ 162.4160, -7.6001,
11.0362

■ 170.7110,
-11.6895, 16.0395

Harmonies

Analogous

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



83.1560, 26.5451, -67.6658



96.6100, 24.8423, -34.7380



103.3470, 20.5349, -6.4433

Triad

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



96.6100, 24.8423, -34.7380



104.4670, -8.1182, 37.3014



96.6050, -11.1443, -18.9476

Complementary

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



96.6100, 24.8423, -34.7380



107.3900, -24.8423, 34.7380

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.



99.2610, -19.3557, 1.5251



96.6100, 24.8423, -34.7380



103.0290, -17.2693, 32.4236

Square

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



96.6100, 24.8423, -34.7380



105.4800, 2.2284, 32.0280



101.5020, -21.4465, 18.8537



91.2030, 1.8719, -40.5200

Rectangle

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



96.6100, 24.8423, -34.7380



105.4800, 15.5394, 9.2260



101.5020, -21.4465, 18.8537



97.4380, -14.5129, -11.7851

Sweetspot

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



96.6100, 24.8423, -34.7380



172.0290, 9.3527, -13.1804



114.2760, -9.0101, -50.2311



84.8510, 5.9895, -7.7623



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.



96.6100, 24.8423, -34.7380



113.0450, 38.4318, -53.5365



70.7820, 37.5755, -12.0868



70.1460, 1.9000, -2.7590



60.3440, 38.2844, -52.9217



4.6620, 2.6316, -4.0886

Inverse Universe

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



89.6100, 8.5733, 50.3310



102.3390, 13.1439, 77.7557



133.2180, -37.5755, 12.0868



69.5490, 0.7153, 3.9035



49.9260, 12.8545, 77.2409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 96.6100, 24.8423, -34.7380 looks on a white background.

Color Contrast Check

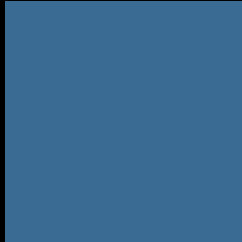
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.6100, 24.8423, -34.7380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

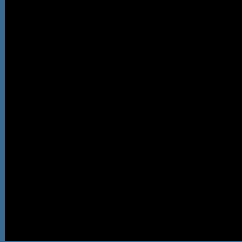
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.6100, 24.8423, -34.7380

Background



This preview shows how black text looks on a background with the YUV color 96.6100, 24.8423, -34.7380.



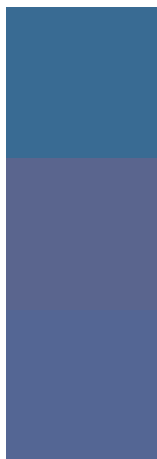
This preview shows how white text looks on a background with the YUV color 96.6100, 24.8423,

-34.7380.

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

96.6100, 24.8423, -34.7380

Protanopia

102.3850, 19.5302, -10.8616

Deuteranopia

101.8620, 22.7460, -15.6650



Tritanopia

92.9930, 13.8075, -42.0899

Trichromacy



Original Color

96.6100, 24.8423, -34.7380

Protanomaly

100.1990, 21.5939, -19.4685

Deuteranomaly

100.0460, 23.6413, -22.8423

Tritanomaly

94.0410, 17.7278, -39.5010

Monochromacy



Original Color

96.6100, 24.8423, -34.7380

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9150, 8.9159, -13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6100, 24.8423, -34.7380 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(57, 107, 147)` looks like.

```
.text, #text, p{  
    color:rgb(57, 107, 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(57, 107, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 107, 147) }
```

Border

The CSS property to change the border of an element to YUV 96.6100, 24.8423, -34.7380 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(57, 107, 147) }
```


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

```
.border{ border-color:rgb(57, 107, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 107, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 107, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 107, 147);  
box-shadow:4px 4px 4px 4px rgb(57, 107,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 96.6100, 24.8423, -34.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 107, 147) }
```

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

```
.background{ background-color: rgb(57, 107,  
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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