

Converting Colors

YUV(97.2680, 57.0559,
-53.7320)

Have a look what the booklet for
YUV(97.2680, 57.0559, -53.7320)
contains.

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Color

**YUV(97.2680, 57.0559,
-53.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	246AD5
RGB	36, 106, 213
RGB Percent	14%, 42%, 84%
CMY	0.8588, 0.5843, 0.1647
CMYK	0.83, 0.50, 0.00, 0.16
HSL	216°, 71%, 49%
HSV	216°, 83%, 84%
XYZ	17.8918, 15.4872, 64.9971
YIQ	97.2680, -76.0670, 18.4370

Conversions

Conversions Part 2

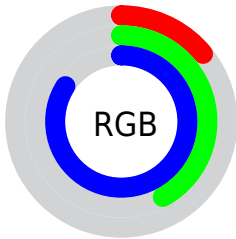
Format	Color
R _Y B	36, 86, 213
Decimal	2386645
CIE Lab	46.29, 18.05, -61.00
CIE LCh	46, 63.609, 286.480
Yxy	15.4872, 0.1819, 0.1574
Android (android.graphics.Color)	4280576725 (0xFF246AD5)
YUV	97.2680, 57.0559, -53.7320
Hunter-Lab	39.3538, 12.2841, -70.3762

Details

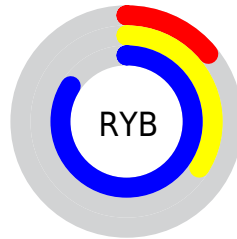
The YUV color **97.2680, 57.0559, -53.7320** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **151.7320, -57.0559, 53.7320**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7170, 49.4395, -37.4628**, and **53.1180, 51.2138, -46.5845** is the 20% darker color. If you saturate the color by 10%, you get **83.3580, 63.9135, -59.9500**, and if you desaturate by 10%, it is **111.1780, 50.1982, -47.5141**.

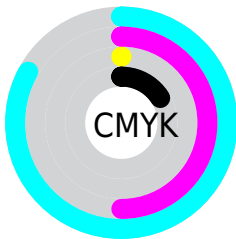
Distribution



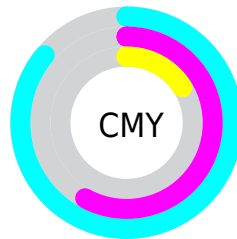
- Red (14%)
- Green (42%)
- Blue (84%)



- Red (14%)
- Yellow (34%)
- Blue (84%)



- Cyan (83%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (86%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2680, 57.0559, -53.7320 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 97.2680, 57.0559, -53.7320 by changing the saturation by 10% instead.

■ 97.2680, 57.0559,
-53.7320

■ 97.2680, 57.0559,
-53.7320

■ 255.0000, 0.0000,
0.0000

■ 69.2240, 57.0776,
-60.7094

■ 154.7170, 49.4395,
-37.4628

■ 53.1180, 51.2138,
-46.5845

■ 179.2480, 37.3457,
-31.7895

■ 38.4140, 45.6449,
-33.6891

■ 204.9530, 24.6732,
-27.1458

■ 24.2970, 39.7866,
-21.3085

■ 230.3590, 12.1480,
-23.1168

■ 14.4030, 32.3393,
-12.6314

■ 249.0200, 2.9481,
-12.2955

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 97.2680, 57.0559,
-53.7320

■ 97.2680, 57.0559,
-53.7320

■ 83.3580, 63.9135,
-59.9500

■ 111.1780, 50.1982,
-47.5141

■ 73.5900, 68.7291,
-64.5384

■ 125.3870, 43.1932,
-40.6814

■ 139.2970, 36.3356,
-34.4635

■ 153.2070, 29.4779,
-28.2455

■ 166.8290, 22.7623,
-20.8980

■ 180.7390, 15.9047,
-14.6801

■ 194.6490, 9.0470,
-8.4622

■ 208.5590, 2.1894,
-2.2442

■ 222.7680, -4.8156,
4.5885

Harmonies

Analogous

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



96.5970, 57.8797, -84.7156



97.2680, 57.0559, -53.7320



112.1880, 35.4033, 31.4071

Triad

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



97.2680, 57.0559, -53.7320



102.4120, -34.7131, 74.1837



86.9460, -1.9454, -76.2516

Complementary

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



97.2680, 57.0559, -53.7320



151.7320, -57.0559, 53.7320

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.



87.3800, -30.2603, -47.6913



97.2680, 57.0559, -53.7320



102.9740, -50.7662, 42.9958

Square

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



97.2680, 57.0559, -53.7320



98.9220, -7.8495, 91.2764



99.4870, -49.0471, 4.8349



93.9170, 22.2259, -82.3652

Rectangle

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



97.2680, 57.0559, -53.7320



107.3680, 22.4966, 64.5753



99.4870, -49.0471, 4.8349



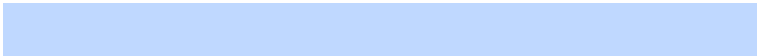
84.1930, -9.9551, -73.8373

Sweetspot

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



97.2680, 57.0559, -53.7320



212.9710, 20.7203, -19.2686



151.9830, -4.9216, -101.7171



102.2510, 12.6943, -11.6211



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



97.2680, 57.0559, -53.7320



88.3570, 82.1550, -77.4891



61.5600, 74.6599, -6.6301



100.1890, 3.3578, -3.6738



59.4100, 55.0139, -52.1026



14.8810, 13.8627, -13.0506

Inverse Universe

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



96.9030, 4.4848, 101.8171



87.7590, 6.5278, 146.6704



187.4400, -74.6599, 6.6301



99.8590, 0.5625, 6.2627



58.8810, 4.4957, 98.3284



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 97.2680, 57.0559, -53.7320 looks on a white background.

Color Contrast Check

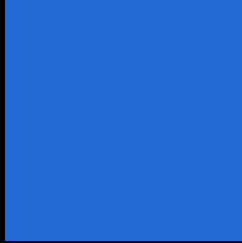
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.2680, 57.0559, -53.7320 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

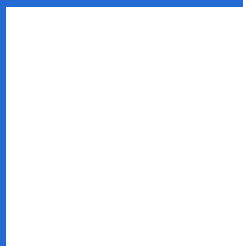
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.2680, 57.0559, -53.7320

Background



This preview shows how black text looks on a background with the YUV color 97.2680, 57.0559, -53.7320.



This preview shows how white text looks on a background with the YUV color 97.2680, 57.0559, -53.7320.

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

97.2680, 57.0559, -53.7320

Protanopia

98.9590, 55.7292, -48.1990

Deuteranopia

87.2730, 52.6164, -76.5384



Tritanopia

85.7330, 21.3306, -75.1878

Trichromacy



Original Color

97.2680, 57.0559, -53.7320

Protanomaly

98.0620, 56.1714, -50.0434

Deuteranomaly

90.7840, 54.3365, -68.2166

Tritanomaly

90.2190, 34.4020, -67.7211

Monochromacy



Original Color

97.2680, 57.0559, -53.7320

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9710, 20.7203, -19.2686

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2680, 57.0559, -53.7320 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(36, 106, 213)` looks like.

```
.text, #text, p{  
    color:rgb(36, 106, 213)  
}
```

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(36, 106, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 106, 213) }
```

Border

The CSS property to change the border of an element to YUV 97.2680, 57.0559, -53.7320 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(36, 106, 213) }
```


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

```
.border{ border-color:rgb(36, 106, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 106, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 106, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 106, 213);  
box-shadow:4px 4px 4px 4px rgb(36, 106,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 97.2680, 57.0559, -53.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 106, 213) }
```

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

```
.background{ background-color: rgb(36, 106,  
213) }
```

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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