

Converting Colors

YUV(99.6810, 37.1323,
-56.7252)

Have a look what the booklet for
YUV(99.6810, 37.1323, -56.7252)
contains.

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Color

**YUV(99.6810, 37.1323,
-56.7252)**

Conversions

Conversions Part 1

Format	Color
Hex	2376AF
RGB	35, 118, 175
RGB Percent	14%, 46%, 69%
CMY	0.8627, 0.5373, 0.3137
CMYK	0.80, 0.33, 0.00, 0.31
HSL	204°, 67%, 41%
HSV	204°, 80%, 69%
XYZ	14.9094, 16.4093, 42.9389
YIQ	99.6810, -67.7650, 0.1310

Conversions

Conversions Part 2

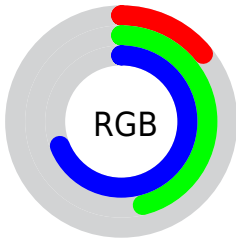
Format	Color
R_{YB}	35, 87, 175
Decimal	2324143
CIE _{Lab}	47.51, -4.08, -37.17
CIE _{LCh}	48, 37.394, 263.735
Yxy	16.4093, 0.2008, 0.2210
Android (android.graphics.Color)	4280514223 (0xFF2376AF)
YUV	99.6810, 37.1323, -56.7252
Hunter-Lab	40.5084, -5.1915, -34.4915

Details

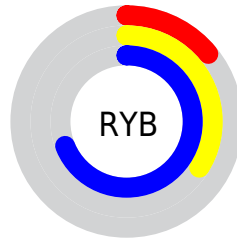
The YUV color **99.6810, 37.1323, -56.7252** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **110.3190, -37.1323, 56.7252**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6220, 36.6684, -47.9035**, and **54.9980, 33.0320, -48.2332** is the 20% darker color. If you saturate the color by 10%, you get **90.1900, 41.8113, -64.1876**, and if you desaturate by 10%, it is **109.1720, 32.4532, -49.2628**.

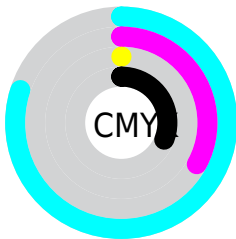
Distribution



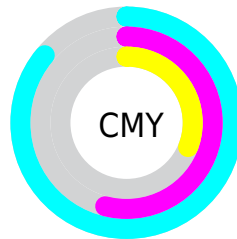
- Red (14%)
- Green (46%)
- Blue (69%)



- Red (14%)
- Yellow (34%)
- Blue (69%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (54%)
- Yellow (31%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.6810, 37.1323, -56.7252 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 99.6810, 37.1323, -56.7252 by changing the saturation by 10% instead.

■ 99.6810, 37.1323,
-56.7252

■ 99.6810, 37.1323,
-56.7252

■ 255.0000, 0.0000,
0.0000

■ 71.4630, 37.7327,
-62.6731

■ 156.6220, 36.6684,
-47.9035

■ 54.9980, 33.0320,
-48.2332

■ 184.1770, 34.9157,
-45.7592

■ 39.2340, 28.4786,
-34.4082

■ 209.2840, 22.5380,
-42.3451

■ 24.7580, 23.7833,
-21.7128

■ 234.9780, 9.8708,
-39.4457

■ 8.0480, 20.6823,
-7.0581

■ 244.5350, 5.1592,
-21.5172

■ 4.3660, 11.6516,
-3.8290

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 99.6810, 37.1323,
-56.7252

■ 99.6810, 37.1323,
-56.7252

■ 90.1900, 41.8113,
-64.1876

■ 109.1720, 32.4532,
-49.2628

■ 80.9980, 46.3430,
-71.0352

■ 118.3640, 27.9215,
-42.4152

■ 127.8550, 23.2425,
-34.9528

■ 137.6340, 18.4214,
-28.6200

■ 146.8260, 13.8898,
-21.7724

■ 156.3170, 9.2107,
-14.3100

■ 165.8080, 4.5317,
-6.8476

■ 175.0000, 0.0000,
0.0000

■ 184.4910, -4.6791,
7.4624

Harmonies

Analogous

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



91.9570, 35.0242, -80.6463



99.6810, 37.1323, -56.7252



113.2850, 27.9605, -8.1429

Triad

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



99.6810, 37.1323, -56.7252



113.2300, -11.9454, 51.5413



102.1430, -13.8745, -29.9434

Complementary

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



99.6810, 37.1323, -56.7252



110.3190, -37.1323, 56.7252

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.



107.0020, -26.6230, -0.8788



99.6810, 37.1323, -56.7252



111.9610, -24.1378, 42.1302

Square

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



99.6810, 37.1323, -56.7252



114.7960, 3.0586, 45.7829



110.4180, -30.7721, 23.3124



87.1060, 8.8217, -76.3920

Rectangle

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



99.6810, 37.1323, -56.7252



116.1910, 20.6118, 15.6185



110.4180, -30.7721, 23.3124



104.2430, -18.8538, -19.5071

Sweetspot

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



99.6810, 37.1323, -56.7252



197.6410, 14.4740, -22.4872



123.5640, -16.0541, -77.6706



96.6160, 9.0633, -13.6952



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



99.6810, 37.1323, -56.7252



109.5750, 57.8905, -88.2043



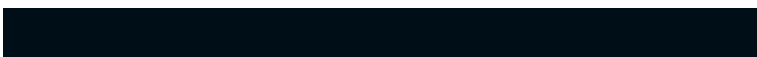
59.1780, 57.1002, -21.2041



81.9610, 2.4842, -3.4738



69.3430, 39.7639, -60.8138



10.8400, 5.9949, -9.5067

Inverse Universe

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



86.3220, 15.6173, 77.7706



88.8880, 24.2122, 121.1242



150.8220, -57.1002, 21.2041



81.2610, 0.8573, 5.0331



54.9960, 16.7640, 83.3185



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 99.6810, 37.1323, -56.7252 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 99.6810, 37.1323, -56.7252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

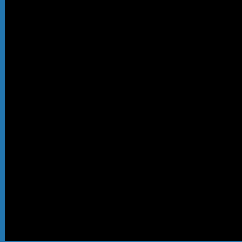
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.6810, 37.1323, -56.7252

Background



This preview shows how black text looks on a background with the YUV color 99.6810, 37.1323, -56.7252.

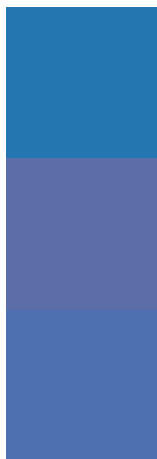


This preview shows how white text looks on a background with the YUV color 99.6810, 37.1323,

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

99.6810, 37.1323, -56.7252

Protanopia

111.2300, 27.9876, -16.8647

Deuteranopia

108.8310, 33.1143, -27.9158



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

99.6810, 37.1323, -56.7252

Protanomaly

107.0540, 31.5254, -31.6194

Deuteranomaly

105.5200, 34.7466, -38.1670

Tritanomaly

92.4870, 27.8609, -69.7101

Monochromacy



Original Color

99.6810, 37.1323, -56.7252

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0110, 13.3056, -21.0576

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.6810, 37.1323, -56.7252 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(35, 118, 175)` looks like.

```
.text, #text, p{  
    color:rgb(35, 118, 175)  
}
```

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(35, 118, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 118, 175) }
```

Border

The CSS property to change the border of an element to YUV 99.6810, 37.1323, -56.7252 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(35, 118, 175) }
```


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

```
.border{ border-color:rgb(35, 118, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 118, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 118, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 118, 175);  
box-shadow:4px 4px 4px 4px rgb(35, 118,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 99.6810, 37.1323, -56.7252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 118, 175) }
```

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

```
.background{ background-color: rgb(35, 118,  
175) }
```

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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