

Converting Colors

YUV(93.5570, -28.3756, 1.2655)

Have a look what the booklet for
YUV(93.5570, -28.3756, 1.2655)
contains.

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Color

**YUV(93.5570, -28.3756,
1.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6824
RGB	95, 104, 36
RGB Percent	37%, 41%, 14%
CMY	0.6275, 0.5922, 0.8588
CMYK	0.09, 0.00, 0.65, 0.59
HSL	68°, 49%, 27%
HSV	68°, 65%, 41%
XYZ	9.9881, 12.4609, 3.5478
YIQ	93.5570, 16.4640, -23.0560

Conversions

Conversions Part 2

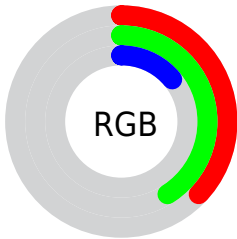
Format	Color
RYB	36, 104, 45
Decimal	6252580
CIELab	41.94, -13.79, 36.02
CIELCh	42, 38.566, 110.952
Yxy	12.4609, 0.3842, 0.4793
Android (android.graphics.Color)	4284442660 (0xFF5F6824)
YUV	93.5570, -28.3756, 1.2655
Hunter-Lab	35.3000, -11.2688, 18.7510

Details

The YUV color **93.5570, -28.3756, 1.2655** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.4430, 28.3756, -1.2655**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5140, -29.8334, 2.1802**, and **47.5120, -23.4234, -0.4490** is the 20% darker color. If you saturate the color by 10%, you get **92.1180, -32.5962, 1.6505**, and if you desaturate by 10%, it is **94.9960, -24.1550, 0.8805**.

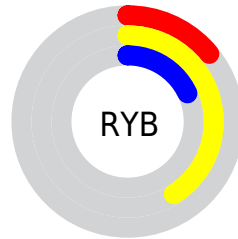
Distribution



 Red (37%)

 Green (41%)

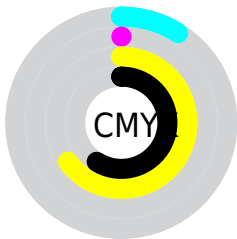
 Blue (14%)



 Red (14%)

 Yellow (41%)

 Blue (18%)

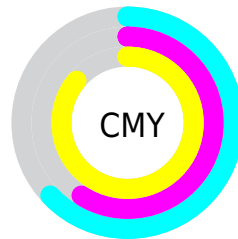


 Cyan (9%)


 Magenta (0%)

 Yellow (65%)

 Black (59%)



 Cyan (63%)

 Magenta (59%)

 Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.5570, -28.3756, 1.2655 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 93.5570, -28.3756, 1.2655 by changing the saturation by 10% instead.

■ 93.5570, -28.3756,
1.2655

■ 93.5570, -28.3756,
1.2655

255.0000, 0.0000,
0.0000

■ 69.1440, -28.6650,
0.7507

■ 144.5140,
-29.8334, 2.1802

■ 47.5120, -23.4234,
-0.4490

■ 171.5850,
-30.8544, 2.9950

■ 28.0090, -13.8084,
-4.3929

■ 198.4710,
-31.2912, 3.0949

■ 7.6310, -3.7621,
-6.6924

■ 227.2430,
-32.1648, 3.2949

■ 0.0000, 0.0000,
0.0000

■ 247.4760,
-28.8287, 6.5985

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

93.5570, -28.3756,
1.2655

93.5570, -28.3756,
1.2655

92.1180, -32.5962,
1.6505

94.9960, -24.1550,
0.8805

90.2660, -37.1061,
1.5207

96.8480, -19.6451,
1.0103

88.8270, -41.3267,
1.9057

98.2870, -15.4245,
0.6253

87.9580, -43.3633,
1.7908

100.1390,
-10.9145, 0.7551

101.5780, -6.6940,
0.3701

■ 103.0170, -2.4734,
-0.0149

■ 104.8690, 2.0366,
0.1149

■ 106.3080, 6.2572,
-0.2701

■ 107.8610, 10.9145,
-0.7551

Harmonies

Analogous

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



96.4290, -30.7775, 25.0568



93.5570, -28.3756, 1.2655



88.6980, -15.6271, -27.7991

Triad

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



93.5570, -28.3756, 1.2655



82.6160, 32.2343, -72.4542



100.2520, 4.8058, 45.3830

Complementary

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



93.5570, -28.3756, 1.2655



46.4430, 28.3756, -1.2655

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.



102.2520, 18.1168, 22.5810



93.5570, -28.3756, 1.2655



79.9890, 39.9384, -70.1504

Square

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



93.5570, -28.3756, 1.2655



81.2990, 19.5726, -71.2992



98.3060, 29.4291, -12.5464



98.3980, -10.0562, 52.2710

Rectangle

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



93.5570, -28.3756, 1.2655



77.5010, -0.2470, -60.9524



98.3060, 29.4291, -12.5464



100.7720, 9.4794, 39.6650

Sweetspot

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



93.5570, -28.3756, 1.2655



131.0250, -11.3513, 0.8551



61.0280, -12.3388, 37.6864



66.4640, -7.1308, 0.4701



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.5570, -28.3756, 1.2655



118.8440, -43.8001, 1.8908



83.6900, -23.5112, -19.0221



50.1310, -2.0366, -0.1149



97.4050, -48.0207, 2.2758



204.8440, -100.9881, 4.5218

Inverse Universe

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



46.4430, 28.3756, -1.2655



46.1560, 43.8001, -1.8908



56.3100, 23.5112, 19.0221



46.8690, 2.0366, 0.1149



17.5950, 48.0207, -2.2758



37.1560, 100.9881, -4.5218

Previews

White Background



This preview shows how the YUV color 93.5570, -28.3756, 1.2655 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 93.5570, -28.3756, 1.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

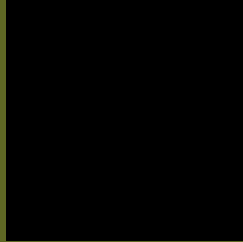
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.5570, -28.3756, 1.2655

Background



This preview shows how black text looks on a background with the YUV color 93.5570, -28.3756, 1.2655.



This preview shows how white text looks on a background with the YUV color 93.5570, -28.3756,

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

93.5570, -28.3756, 1.2655

Protanopia

95.2920, -29.7240, 13.7759

Deuteranopia

96.4010, -28.2987, 23.3273



Tritanopia

99.4070, 2.7573, 2.2741

Trichromacy



Original Color

93.5570, -28.3756, 1.2655

Protanomaly

94.6720, -29.4183, 9.0577

Deuteranomaly

95.6450, -28.4190, 15.2203

Tritanomaly

97.4210, -8.5886, 1.3848

Monochromacy



Original Color

93.5570, -28.3756, 1.2655

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9540, -10.3303, 0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.5570, -28.3756, 1.2655 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(95, 104, 36)` looks like.

```
.text, #text, p{  
    color:rgb(95, 104, 36)  
}
```

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(95, 104, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 104, 36) }
```

Border

The CSS property to change the border of an element to YUV 93.5570, -28.3756, 1.2655 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(95, 104, 36) }
```


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

```
.border{ border-color:rgb(95, 104, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 104, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 104, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 104, 36);  
box-shadow:4px 4px 4px 4px rgb(95, 104,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 93.5570, -28.3756, 1.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 104, 36) }
```

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

```
.background{ background-color: rgb(95, 104,  
36) }
```

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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