

Converting Colors

YUV(53.5590, 32.2624,
-34.6932)

Have a look what the booklet for
YUV(53.5590, 32.2624, -34.6932)
contains.

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Color

**YUV(53.5590, 32.2624,
-34.6932)**

Conversions

Conversions Part 1

Format	Color
Hex	0E3D77
RGB	14, 61, 119
RGB Percent	5%, 24%, 47%
CMY	0.9451, 0.7608, 0.5333
CMYK	0.88, 0.49, 0.00, 0.53
HSL	213°, 79%, 26%
HSV	213°, 88%, 47%
XYZ	5.1796, 4.7628, 18.0991
YIQ	53.5590, -46.6300, 8.0740

Conversions

Conversions Part 2

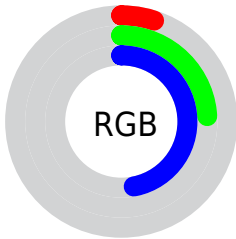
Format	Color
R_{YB}	14, 46, 119
Decimal	933239
CIE _{Lab}	26.05, 8.32, -37.47
CIE _{LCh}	26, 38.384, 282.524
Yxy	4.7628, 0.1847, 0.1698
Android (android.graphics.Color)	4279123319 (0xFF0E3D77)
YUV	53.5590, 32.2624, -34.6932
Hunter-Lab	21.8237, 4.1734, -33.8943

Details

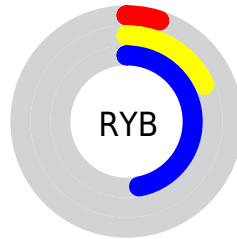
The YUV color **53.5590, 32.2624, -34.6932** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **79.4410, -32.2624, 34.6932**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3260, 32.3773, -24.8419**, and **19.7200, 24.7880, -17.2944** is the 20% darker color. If you saturate the color by 10%, you get **45.8620, 36.0570, -38.4670**, and if you desaturate by 10%, it is **61.2560, 28.4678, -30.9195**.

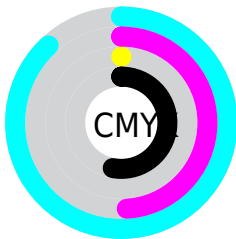
Distribution



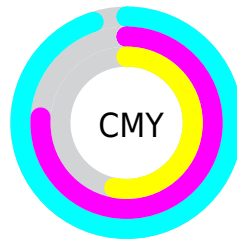
- Red (5%)
- Green (24%)
- Blue (47%)



- Red (5%)
- Yellow (18%)
- Blue (47%)



- Cyan (88%)
- Magenta (49%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (76%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5590, 32.2624, -34.6932 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 53.5590, 32.2624, -34.6932 by changing the saturation by 10% instead.

■ 53.5590, 32.2624,
-34.6932

■ 53.5590, 32.2624,
-34.6932

■ 255.0000, 0.0000,
0.0000

■ 34.1960, 29.4834,
-29.9899

■ 106.3260, 32.3773,
-24.8419

■ 19.7200, 24.7880,
-17.2944

■ 132.4510, 32.8087,
-23.1975

■ 7.7060, 19.3719,
-6.7582

■ 159.0920, 33.9716,
-22.8827

■ 3.4370, 10.6306,
-3.0142

■ 186.3910, 33.8242,
-22.2679

■ 0.0000, 0.0000,
0.0000

■ 210.9110, 21.7359,
-18.3389

■ 236.3060, 9.2161,

-16.0544

252.9070, 1.0318,
-4.3034

53.5590, 32.2624,
-34.6932

53.5590, 32.2624,
-34.6932

45.8620, 36.0570,
-38.4670

61.2560, 28.4678,
-30.9195

44.6770, 36.6412,
-39.1817

68.3660, 24.9626,
-26.6310

76.0630, 21.1679,
-22.8573

83.1730, 17.6627,
-18.5687

90.8700, 13.8681,
-14.7950

■ 97.6810, 10.5103,
-11.1212

■ 105.3780, 6.7156,
-7.3475

■ 113.0750, 2.9210,
-3.5738

■ 120.1850, -0.5842,
0.7148

Harmonies

Analogous

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



54.4280, 30.8480, -47.7334



53.5590, 32.2624, -34.6932



63.4680, 20.4753, 12.7446

Triad

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



53.5590, 32.2624, -34.6932



58.6820, -17.5912, 42.3749



48.3400, -2.6326, -42.3942

Complementary

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



53.5590, 32.2624, -34.6932



79.4410, -32.2624, 34.6932

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.



52.2430, -18.8538, -19.5071



53.5590, 32.2624, -34.6932



58.3090, -28.7463, 26.9160

Square

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



53.5590, 32.2624, -34.6932



57.7980, -3.3514, 48.4122



56.7040, -27.9551, 6.3986



52.3470, 10.1819, -45.9083

Rectangle

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



53.5590, 32.2624, -34.6932



62.3410, 13.1429, 31.2729



56.7040, -27.9551, 6.3986



46.6130, -6.7112, -40.8796

Sweetspot

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



53.5590, 32.2624, -34.6932



130.2400, 12.6997, -13.3655



82.2470, -5.0518, -59.8526



64.1930, 7.2999, -8.0623



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



53.5590, 32.2624, -34.6932



58.8740, 47.8831, -51.6325



27.4650, 45.1268, -7.4238



54.8580, 2.0420, -1.6295



46.1930, 37.3729, -40.5113



94.2440, 76.7877, -82.6520

Inverse Universe

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



50.7530, 5.0518, 59.8526



54.6240, 7.5804, 88.9068



105.5350, -45.1268, 7.4238



55.0220, -0.0108, 3.4887



42.7480, 6.0402, 69.5040



87.5180, 12.0696, 142.4967

Previews

White Background



This preview shows how the YUV color 53.5590, 32.2624, -34.6932 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 ✓ Pass

Black Background



This preview shows how the YUV color 53.5590, 32.2624, -34.6932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

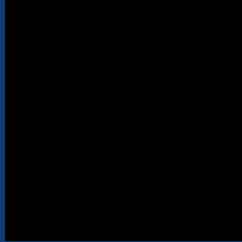
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.5590, 32.2624, -34.6932

Background



This preview shows how black text looks on a background with the YUV color 53.5590, 32.2624, -34.6932.



This preview shows how white text looks on a background with the YUV color 53.5590, 32.2624,

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

53.5590, 32.2624, -34.6932

Protanopia

57.3430, 29.9039, -24.8568

Deuteranopia

49.5210, 29.8161, -43.4299



Tritanopia

48.8250, 11.9183, -42.8195

Trichromacy



Original Color

53.5590, 32.2624, -34.6932

Protanomaly

55.8480, 30.6409, -27.9307

Deuteranomaly

50.7710, 30.6789, -40.1412

Tritanomaly

50.4970, 19.4750, -39.9009

Monochromacy



Original Color

53.5590, 32.2624, -34.6932

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0120, 11.8261, -13.1655

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5590, 32.2624, -34.6932 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(14, 61, 119)` looks like.

```
.text, #text, p{  
    color:rgb(14, 61, 119)  
}
```

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(14, 61, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 61, 119) }
```

Border

The CSS property to change the border of an element to YUV 53.5590, 32.2624, -34.6932 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(14, 61, 119) }
```


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

```
.border{ border-color:rgb(14, 61, 119) }
```

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

Here you see how a box with a 4 pixel rgb(14, 61, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 61, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 61, 119);  
box-shadow:4px 4px 4px 4px rgb(14, 61,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 53.5590, 32.2624, -34.6932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 61, 119) }
```

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

```
.background{ background-color: rgb(14, 61,  
119) }
```

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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