

Converting Colors

YUV(77.0900, -0.0444, -32.5279)

Have a look what the booklet for
YUV(77.0900, -0.0444, -32.5279)
contains.

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Color

**YUV(77.0900, -0.0444,
-32.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	28604D
RGB	40, 96, 77
RGB Percent	16%, 38%, 30%
CMY	0.8431, 0.6235, 0.6980
CMYK	0.58, 0.00, 0.20, 0.62
HSL	160°, 41%, 27%
HSV	160°, 58%, 38%
XYZ	6.3975, 9.3527, 8.4892
YIQ	77.0900, -27.2770, -17.7810

Conversions

Conversions Part 2

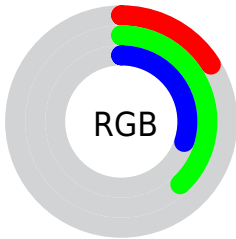
Format	Color
RYB	40, 74, 96
Decimal	2646093
CIELab	36.65, -23.57, 5.34
CIElCh	37, 24.169, 167.228
Yxy	9.3527, 0.2639, 0.3858
Android (android.graphics.Color)	4280836173 (0xFF28604D)
YUV	77.0900, -0.0444, -32.5279
Hunter-Lab	30.5822, -16.1782, 4.9493

Details

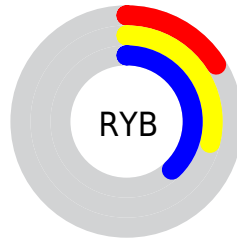
The YUV color **77.0900, -0.0444, -32.5279** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58.9100, 0.0444, 32.5279**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8620, -0.9180, -32.3280**, and **32.5250, 0.2342, -28.5244** is the 20% darker color. If you saturate the color by 10%, you get **73.7580, 0.1193, -38.3758**, and if you desaturate by 10%, it is **80.4220, -0.2080, -26.6801**.

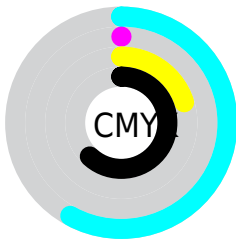
Distribution



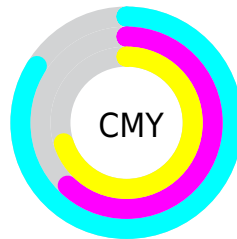
- Red (16%)
- Green (38%)
- Blue (30%)



- Red (16%)
- Yellow (29%)
- Blue (38%)



- Cyan (58%)
- Magenta (0%)
- Yellow (20%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0900, -0.0444, -32.5279 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 77.0900, -0.0444, -32.5279 by changing the saturation by 10% instead.

■ 77.0900, -0.0444,
-32.5279

■ 77.0900, -0.0444,
-32.5279

255.0000, 0.0000,
0.0000

■ 52.0080, 0.9821,
-35.0870

■ 127.8620, -0.9180,
-32.3280

■ 32.5250, 0.2342,
-28.5244

■ 154.1500, -1.0600,
-33.4576

■ 18.7500, -4.3137,
-16.4438

■ 181.1500, -1.0600,
-33.4576

■ 0.0000, 0.0000,
0.0000

■ 208.7370, -1.3493,
-33.9723

■ 235.5630, -0.7706,
-32.9428

■ 246.3290, 4.2748,

-17.8285

■ 77.0900, -0.0444,
-32.5279

■ 77.0900, -0.0444,
-32.5279

■ 73.7580, 0.1193,
-38.3758

■ 80.4220, -0.2080,
-26.6801

■ 70.6110, -0.3012,
-43.5088

■ 83.5690, 0.2125,
-21.5470

■ 67.2790, -0.1375,
-49.3567

■ 86.9010, 0.0488,
-15.6992

■ 64.2460, -0.1213,
-54.5897

■ 89.9340, 0.0325,
-10.4661

■ 63.5340, -0.2633,
-55.7193

■ 93.2660, -0.1311,
-4.6183

■ 96.7120, 0.1420,
1.1296

■ 99.7450, 0.1257,
6.3626

■ 103.0770, -0.0380,
12.2105

■ 106.1100, -0.0542,
17.4435

Harmonies

Analogous

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



81.0510, -10.8711, -13.1997



77.0900, -0.0444, -32.5279



69.1930, 13.7089, -57.1743

Triad

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



77.0900, -0.0444, -32.5279



86.0540, 18.2144, -8.8174



86.9190, -13.7641, 28.1350

Complementary

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



77.0900, -0.0444, -32.5279



58.9100, 0.0444, 32.5279

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.



87.4170, -5.6286, 32.0833



77.0900, -0.0444, -32.5279



88.5790, 12.0396, 11.7702

Square

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



77.0900, -0.0444, -32.5279



80.1110, 21.6373, -33.4233



88.6750, 3.1182, 26.5950



85.3000, -18.3889, 18.1539

Rectangle

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



77.0900, -0.0444, -32.5279



68.7780, 19.8294, -60.3183



88.6750, 3.1182, 26.5950



87.2120, -11.4435, 30.5091

Sweetspot

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



77.0900, -0.0444, -32.5279



117.2110, -0.1040, -13.3400



78.8520, -19.1540, -16.5332



59.2440, -0.1203, -8.1070



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



77.0900, -0.0444, -32.5279



95.2680, -0.1321, -51.1010



74.5600, 10.5699, -30.3091



46.6900, 0.1528, -2.3591



74.1800, -0.0887, -65.0559



158.8920, -0.4398, -139.3483

Inverse Universe

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



58.9100, 0.0444, 32.5279



66.7320, 0.1321, 51.1010



61.4400, -10.5699, 30.3091



45.3100, -0.1528, 2.3591



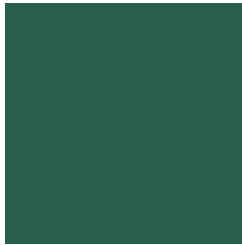
37.8200, 0.0887, 65.0559



80.9940, 0.0030, 139.4483

Previews

White Background



This preview shows how the YUV color 77.0900, -0.0444, -32.5279 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 77.0900, -0.0444, -32.5279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

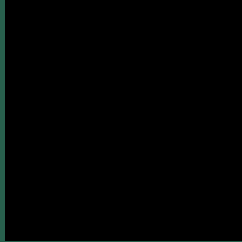
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0900, -0.0444, -32.5279

Background



This preview shows how black text looks on a background with the YUV color 77.0900, -0.0444, -32.5279.



This preview shows how white text looks on a background with the YUV color 77.0900, -0.0444,

-32.5279.

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

77.0900, -0.0444, -32.5279

Protanopia

85.8990, -6.8522, 4.4736

Deuteranopia

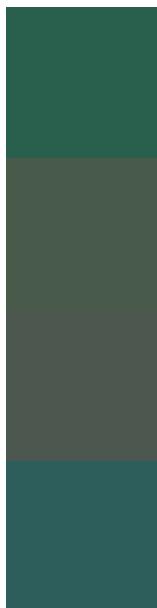
86.5450, -3.2267, 8.2920



Tritanopia

80.3430, 9.6909, -28.3648

Trichromacy



Original Color

77.0900, -0.0444, -32.5279

Protanomaly

82.7940, -4.3354, -9.4663

Deuteranomaly

83.3860, -2.1623, -6.4775

Tritanomaly

79.1210, 6.3493, -29.9241

Monochromacy



Original Color

77.0900, -0.0444, -32.5279

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2220, -0.1094, -11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0900, -0.0444, -32.5279 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(40, 96, 77)` looks like.

```
.text, #text, p{  
    color:rgb(40, 96, 77)  
}
```

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(40, 96, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 96, 77) }
```

Border

The CSS property to change the border of an element to YUV 77.0900, -0.0444, -32.5279 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(40, 96, 77) }
```


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

```
.border{ border-color:rgb(40, 96, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 96, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 96, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 96, 77);  
box-shadow:4px 4px 4px 4px rgb(40, 96, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0900, -0.0444, -32.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 96, 77) }
```

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

```
.background{ background-color: rgb(40, 96,  
77) }
```

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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