

Converting Colors

YUV(60.0600, -24.6796,
-17.5926)

Have a look what the booklet for
YUV(60.0600, -24.6796, -17.5926)
contains.

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Color

**YUV(60.0600, -24.6796,
-17.5926)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 28500A |
| RGB | 40, 80, 10 |
| RGB Percent | 16%, 31%, 4% |
| CMY | 0.8431, 0.6863, 0.9608 |
| CMYK | 0.50, 0.00, 0.88, 0.69 |
| HSL | 94°, 78%, 18% |
| HSV | 94°, 88%, 31% |
| XYZ | 3.7985, 6.2104, 1.2857 |
| YIQ | 60.0600, -1.3700, -30.2500 |

Conversions

Conversions Part 2

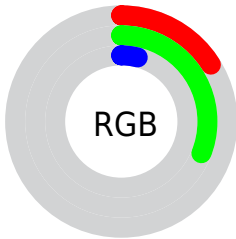
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 10, 80, 50 |
| Decimal | 2641930 |
| CIE _{Lab} | 29.94, -27.06, 33.66 |
| CIE _{LCh} | 30, 43.186, 128.795 |
| Yxy | 6.2104, 0.3363, 0.5499 |
| Android (android.graphics.Color) | 4280832010 (0xFF28500A) |
| YUV | 60.0600, -24.6796, -17.5926 |
| Hunter-Lab | 24.9206, -16.4031, 14.3856 |

Details

The YUV color **60.0600, -24.6796, -17.5926** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29.9400, 24.6796, 17.5926**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9460, -25.1164, -17.4926**, and **21.1320, -10.4181, -18.5328** is the 20% darker color. If you saturate the color by 10%, you get **57.6530, -27.4369, -19.8667**, and if you desaturate by 10%, it is **62.4670, -21.9222, -15.3186**.

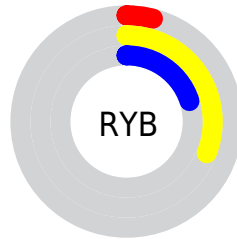
Distribution



Red (16%)

Green (31%)

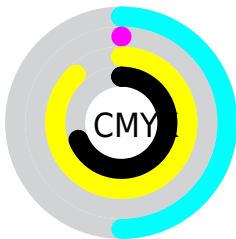
Blue (4%)



Red (4%)

Yellow (31%)

Blue (20%)

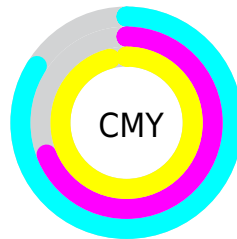


Cyan (50%)

Magenta (0%)

Yellow (88%)

Black (69%)



Cyan (84%)

Magenta (69%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.0600, -24.6796, -17.5926 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 60.0600, -24.6796, -17.5926 by changing the saturation by 10% instead.

60.0600, -24.6796,
-17.5926

60.0600, -24.6796,
-17.5926

253.8600, -4.3680,
0.9998

38.5420, -19.0012,
-18.8923

109.9460,
-25.1164, -17.4926

21.1320, -10.4181,
-18.5328

135.7180,
-25.9900, -17.2927

0.0000, 0.0000,
0.0000

162.1910,
-26.7162, -17.7075


189.6640,
-27.4424, -18.1223


217.5500,
-27.8791, -18.0223


238.3920,


-24.8433, -11.7448


 250.2550,
-16.8877, 3.2844


 60.0600, -24.6796,
-17.5926


 60.0600, -24.6796,
-17.5926


 57.6530, -27.4369,
-19.8667


 62.4670, -21.9222,
-15.3186

 57.1260, -28.1631,
-20.2815

 64.5750, -19.0175,
-13.6593

 66.9820, -16.2601,
-11.3852

 69.0900, -13.3554,
-9.7259

 71.4970, -10.5980,
-7.4519

■ 73.6050, -7.6933,
-5.7926

■ 76.0120, -4.9359,
-3.5185

■ 78.4190, -2.1786,
-1.2445

■ 80.5270, 0.7262,
0.4148

Harmonies

Analogous

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



65.2870, -32.1865, 10.2723



60.0600, -24.6796, -17.5926



54.4380, -4.6529, -47.7421

Triad

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



60.0600, -24.6796, -17.5926



62.7090, 34.6535, -54.9958



65.8960, -1.9207, 56.2192

Complementary

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



60.0600, -24.6796, -17.5926



29.9400, 24.6796, 17.5926

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.



69.7060, 12.9629, 42.3538



60.0600, -24.6796, -17.5926



57.2950, 39.2946, -50.2477

Square

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



60.0600, -24.6796, -17.5926



62.6630, 24.3231, -54.9555



72.5970, 24.8487, 10.0004



66.3240, -17.9077, 50.5819

Rectangle

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



60.0600, -24.6796, -17.5926



57.6470, 5.1040, -50.5564



72.5970, 24.8487, 10.0004



66.5520, 3.1789, 53.8899

Sweetspot

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



60.0600, -24.6796, -17.5926



97.0240, -9.8718, -7.0370



54.4100, -21.8941, 22.4424



49.0720, -5.9515, -4.4481



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



60.0600, -24.6796, -17.5926



75.0900, -37.0194, -26.3889



51.6600, -18.0734, -36.5358



39.6470, -1.3050, -1.4444



165.7850, -81.7320, -58.5704

Inverse Universe

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



29.9400, 24.6796, 17.5926



29.9100, 37.0194, 26.3889



38.3400, 18.0734, 36.5358



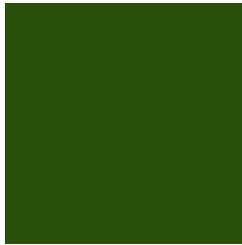
38.0540, 1.4524, 0.8296



66.2150, 81.7320, 58.5704

Previews

White Background



This preview shows how the YUV color 60.0600, -24.6796, -17.5926 looks on a white background.

Color Contrast Check

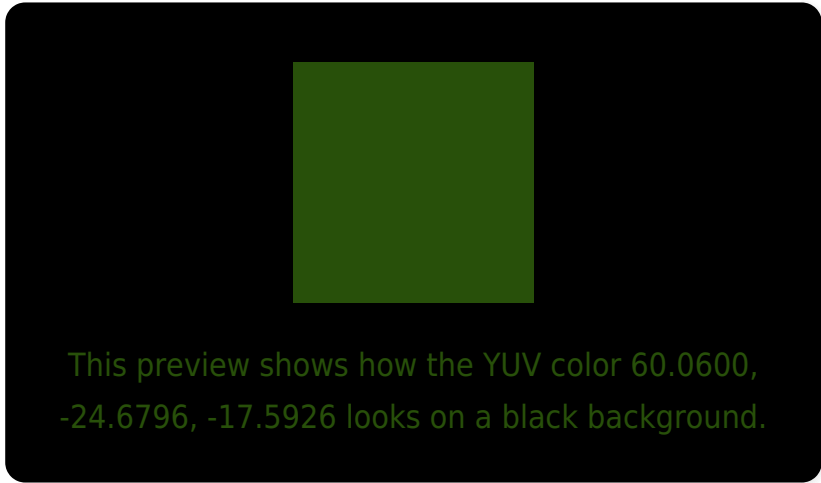
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

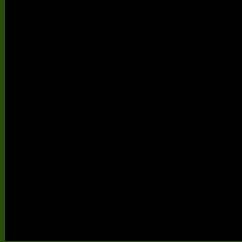
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.0600, -24.6796, -17.5926

Background



This preview shows how black text looks on a background with the YUV color 60.0600, -24.6796, -17.5926.



This preview shows how white text looks on a background with the YUV color 60.0600, -24.6796,

-17.5926.

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

60.0600, -24.6796, -17.5926

Protanopia

66.0960, -29.1343, 11.3168

Deuteranopia

67.8070, -24.0619, 17.7093



Tritanopia

67.8070, 6.0111, -14.7397

Trichromacy



Original Color

60.0600, -24.6796, -17.5926

Protanomaly

63.7850, -27.5020, 1.0656

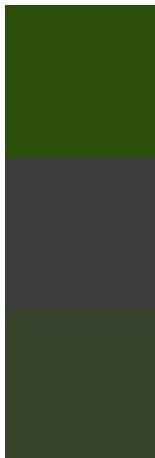
Deuteranomaly

65.3170, -24.3133, 4.9840

Tritanomaly

64.9350, -4.8980, -15.7290

Monochromacy



Original Color

60.0600, -24.6796, -17.5926

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9640, -8.8563, -6.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.0600, -24.6796, -17.5926 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, 80, 10)` looks like.

```
.text, #text, p{  
    color:rgb(40, 80, 10)  
}
```

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, 80, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 80, 10) }
```

Border

The CSS property to change the border of an element to YUV 60.0600, -24.6796, -17.5926 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, 80, 10) }
```

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

```
.border{ border-color:rgb(40, 80, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 80, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 80, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 80, 10);  
box-shadow:4px 4px 4px 4px rgb(40, 80, 10)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.0600, -24.6796, -17.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 80, 10) }
```

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

```
.background{ background-color: rgb(40, 80,  
10) }
```

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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