

Converting Colors

YUV(42.5480, 42.6208, 3.0274)

Have a look what the booklet for
YUV(42.5480, 42.6208, 3.0274)
contains.

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Color

**YUV(42.5480, 42.6208,
3.0274)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1881
RGB	46, 24, 129
RGB Percent	18%, 9%, 51%
CMY	0.8196, 0.9059, 0.4941
CMYK	0.64, 0.81, 0.00, 0.49
HSL	253°, 69%, 30%
HSV	253°, 81%, 51%
XYZ	5.4158, 2.8191, 21.0276
YIQ	42.5480, -20.5930, 37.3190

Conversions

Conversions Part 2

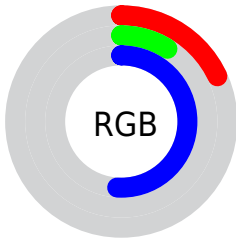
Format	Color
R_{YB}	46, 24, 129
Decimal	3020929
CIE _{Lab}	19.30, 40.23, -54.73
CIE _{LCh}	19, 67.928, 306.315
Yxy	2.8191, 0.1851, 0.0963
Android (android.graphics.Color)	4281211009 (0xFF2E1881)
YUV	42.5480, 42.6208, 3.0274
Hunter-Lab	16.7901, 28.1939, -62.5003

Details

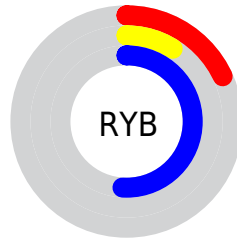
The YUV color **42.5480, 42.6208, 3.0274** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **110.4520, -42.6208, -3.0274**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3360, 44.2044, 8.4753**, and **9.0060, 34.5070, -7.8983** is the 20% darker color. If you saturate the color by 10%, you get **31.9270, 47.8570, 3.5720**, and if you desaturate by 10%, it is **53.1690, 37.3847, 2.4828**.

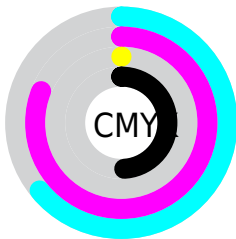
Distribution



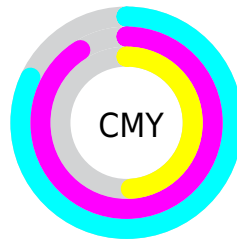
- Red (18%)
- Green (9%)
- Blue (51%)



- Red (18%)
- Yellow (9%)
- Blue (51%)



- Cyan (64%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (82%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5480, 42.6208, 3.0274 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 42.5480, 42.6208, 3.0274 by changing the saturation by 10% instead.

■ 42.5480, 42.6208,
3.0274

■ 42.5480, 42.6208,
3.0274

■ 255.0000, 0.0000,
0.0000

■ 13.8240, 43.9638,
-7.7386

■ 93.3360, 44.2044,
8.4753

■ 9.0060, 34.5070,
-7.8983

■ 119.5750, 45.0725,
10.0197

■ 9.0910, 22.1401,
-7.9728

■ 146.2270, 46.2301,
12.0789

■ 4.8220, 13.3988,
-4.2289

■ 171.5710, 41.1305,
14.4082

■ 0.4560, 1.7472,
-0.3999

■ 196.0910, 29.0421,
18.3372

■ 0.0000, 0.0000,
0.0000

■ 221.4970, 16.5170,

22.3661

■ 240.3250, 7.2348,
12.8700

■ 42.5480, 42.6208,
3.0274

■ 42.5480, 42.6208,
3.0274

■ 31.9270, 47.8570,
3.5720

■ 53.1690, 37.3847,
2.4828

■ 22.7790, 52.3670,
3.7018

■ 63.7900, 32.1485,
1.9382

■ 74.7100, 26.7650,
2.0083

■ 85.3310, 21.5288,
1.4637

■ 95.9520, 16.2927,
0.9191

■ 105.9860, 11.3459,
0.8893

■ 116.6070, 6.1097,
0.3447

■ 127.5270, 0.7262,
0.4148

■ 138.1480, -4.5100,
-0.1298

Harmonies

Analogous

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



47.5100, 50.0346, -41.6663



42.5480, 42.6208, 3.0274



42.6230, 22.3709, 58.2126

Triad

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



42.5480, 42.6208, 3.0274



41.8730, -20.6434, 41.3304



44.0660, 6.3765, -38.6459

Complementary

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



42.5480, 42.6208, 3.0274



110.4520, -42.6208, -3.0274

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.



36.3940, -17.9422, -31.9175



42.5480, 42.6208, 3.0274



43.7130, -21.5505, 5.5137

Square

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



42.5480, 42.6208, 3.0274



34.6840, -17.0992, 71.3141



34.0460, -16.7847, -29.8583



49.6520, 27.7796, -43.5448

Rectangle

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



42.5480, 42.6208, 3.0274



43.3460, 5.7454, 70.7336



34.0460, -16.7847, -29.8583



41.4270, -1.1965, -36.3315

Sweetspot

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



42.5480, 42.6208, 3.0274



134.9520, 16.2927, 0.9191



85.2780, 21.5549, -53.7408



64.2310, 9.7461, 0.6744



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



42.5480, 42.6208, 3.0274



32.2750, 66.9124, 5.0208



58.0960, 34.9557, 34.9958



58.3960, 2.7628, 0.5297



22.6650, 51.9302, 3.8018



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.8570, 20.7765, 56.2534



67.2690, 32.8984, 88.3411



94.9040, -34.9557, -34.9958



59.6630, 1.1521, 3.8035



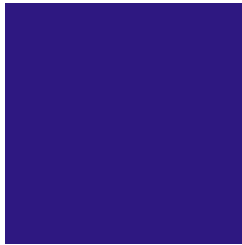
49.7860, 25.2485, 68.5937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 42.5480, 42.6208, 3.0274 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 42.5480, 42.6208, 3.0274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

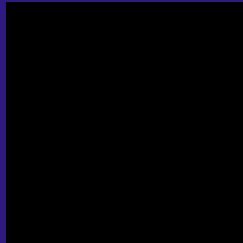
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.5480, 42.6208, 3.0274

Background



This preview shows how black text looks on a background with the YUV color 42.5480, 42.6208, 3.0274.



This preview shows how white text looks on a background with the YUV color 42.5480, 42.6208,

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

42.5480, 42.6208, 3.0274

Protanopia

38.0600, 29.0574, -33.3786

Deuteranopia

38.2250, 22.0741, -33.5233



Tritanopia

37.6090, 9.5598, -32.9831

Trichromacy



Original Color

42.5480, 42.6208, 3.0274

Protanomaly

39.8150, 34.1082, -20.0088

Deuteranomaly

39.9630, 29.5982, -20.1386

Tritanomaly

39.1990, 21.5939, -19.4685

Monochromacy



Original Color

42.5480, 42.6208, 3.0274

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.7240, 15.4191, 1.1191

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5480, 42.6208, 3.0274 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(46, 24, 129)` looks like.

```
.text, #text, p{  
    color:rgb(46, 24, 129)  
}
```

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(46, 24, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 24, 129) }
```

Border

The CSS property to change the border of an element to YUV 42.5480, 42.6208, 3.0274 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(46, 24, 129) }
```


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

```
.border{ border-color:rgb(46, 24, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 24, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 24, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 24, 129);  
box-shadow:4px 4px 4px 4px rgb(46, 24,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 42.5480, 42.6208, 3.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 24, 129) }
```

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

```
.background{ background-color: rgb(46, 24,  
129) }
```

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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