

Converting Colors

YUV(52.3990, 28.3973, -8.2429)

Have a look what the booklet for
YUV(52.3990, 28.3973, -8.2429)
contains.

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Color

**YUV(52.3990, 28.3973,
-8.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2E6E
RGB	43, 46, 110
RGB Percent	17%, 18%, 43%
CMY	0.8314, 0.8196, 0.5686
CMYK	0.61, 0.58, 0.00, 0.57
HSL	237°, 44%, 30%
HSV	237°, 61%, 43%
XYZ	4.7877, 3.5934, 15.1931
YIQ	52.3990, -22.3320, 19.2680

Conversions

Conversions Part 2

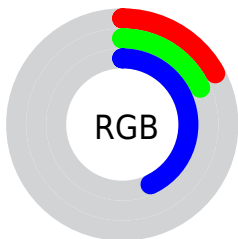
Format	Color
R_{YB}	43, 46, 110
Decimal	2829934
CIE _{Lab}	22.28, 19.66, -37.74
CIE _{LCh}	22, 42.552, 297.521
Yxy	3.5934, 0.2031, 0.1524
Android (android.graphics.Color)	4281020014 (0xFF2B2E6E)
YUV	52.3990, 28.3973, -8.2429
Hunter-Lab	18.9562, 11.9101, -34.2507

Details

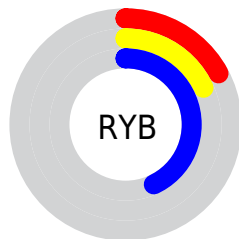
The YUV color **52.3990, 28.3973, -8.2429** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **100.6010, -28.3973, 8.2429**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.8770, 30.1336, -5.1541**, and **7.0680, 27.0815, -6.1986** is the 20% darker color. If you saturate the color by 10%, you get **42.6530, 33.2021, -9.3427**, and if you desaturate by 10%, it is **62.1450, 23.5925, -7.1432**.

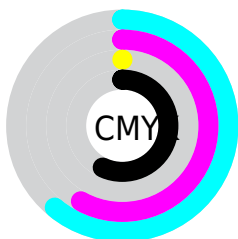
Distribution



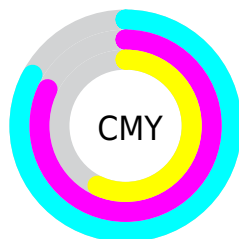
- Red (17%)
- Green (18%)
- Blue (43%)



- Red (17%)
- Yellow (18%)
- Blue (43%)



- Cyan (61%)
- Magenta (58%)
- Yellow (0%)
- Black (57%)



- Cyan (83%)
- Magenta (82%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3990, 28.3973, -8.2429 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 52.3990, 28.3973, -8.2429 by changing the saturation by 10% instead.

■ 52.3990, 28.3973,
-8.2429

■ 52.3990, 28.3973,
-8.2429

■ 255.0000, 0.0000,
0.0000

■ 27.9530, 28.1242,
-13.9908

■ 100.8770, 30.1336,
-5.1541

■ 7.0680, 27.0815,
-6.1986

■ 126.2300, 31.4386,
-3.7097

■ 6.2070, 16.1669,
-5.4435

■ 152.7570, 32.1648,
-3.2949

■ 2.4110, 6.6994,
-2.1144

■ 179.2840, 32.8910,
-2.8801

■ 0.0000, 0.0000,
0.0000

■ 205.4170, 24.4444,
-0.3657

■ 230.2250, 12.2141,

2.4337

253.2390, 0.8682,
1.5444

■ 52.3990, 28.3973,
-8.2429

■ 52.3990, 28.3973,
-8.2429

■ 42.6530, 33.2021,
-9.3427

■ 62.1450, 23.5925,
-7.1432

■ 33.4940, 37.7175,
-10.9572

■ 71.3040, 19.0771,
-5.5286

■ 23.7480, 42.5222,
-12.0570

■ 81.0500, 14.2724,
-4.4288

■ 15.4750, 46.6008,
-13.5716

■ 90.2090, 9.7570,
-2.8143

■ 99.9550, 4.9522,
-1.7145

■ 109.1140, 0.4368,
-0.1000

■ 118.8600, -4.3680,
0.9998

■ 128.0190, -8.8834,
2.6143

■ 137.7650,
-13.6881, 3.7141

Harmonies

Analogous

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



47.3840, 34.3207, -41.5558



52.3990, 28.3973, -8.2429



52.7800, 17.3635, 30.8879

Triad

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



52.3990, 28.3973, -8.2429



49.2270, -24.2689, 37.5119



45.0290, 2.4507, -39.4904

Complementary

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



52.3990, 28.3973, -8.2429



100.6010, -28.3973, 8.2429

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.



39.3920, -11.5323, -34.5468



52.3990, 28.3973, -8.2429



50.5680, -24.9300, 16.1649

Square

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



52.3990, 28.3973, -8.2429



45.8110, -9.7668, 52.7858



46.8810, -23.1123, -6.9116



48.6770, 16.4282, -42.6897

Rectangle

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



52.3990, 28.3973, -8.2429



47.0550, 10.3259, 48.1868



46.8810, -23.1123, -6.9116



43.1880, -2.0647, -37.8759

Sweetspot

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



52.3990, 28.3973, -8.2429



120.5510, 11.0674, -3.1142



89.6250, 8.5659, -40.8901



57.7100, 6.5520, -1.4997



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



52.3990, 28.3973, -8.2429



53.2040, 44.2694, -12.4569



59.6080, 24.8433, 11.7448



51.2710, 2.3314, -1.1147



16.6150, 50.9688, -14.5714



34.6150, 104.7058, -30.3574

Inverse Universe

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



63.3750, -8.5659, 40.8901



70.5520, -13.5831, 63.5369



93.3920, -24.8433, -11.7448



51.9080, -0.4476, 3.5887



36.4500, -15.5048, 73.2734



75.1070, -31.6048, 150.7502

Previews

White Background



This preview shows how the YUV color 52.3990, 28.3973, -8.2429 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 52.3990, 28.3973, -8.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

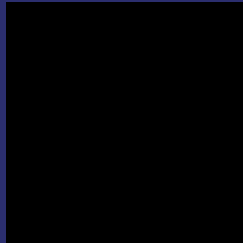
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3990, 28.3973, -8.2429

Background



This preview shows how black text looks on a background with the YUV color 52.3990, 28.3973, -8.2429.



This preview shows how white text looks on a background with the YUV color 52.3990, 28.3973,

-8.2429.

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

52.3990, 28.3973, -8.2429

Protanopia

42.3630, 32.8520, -37.1524

Deuteranopia

43.1150, 25.5793, -37.8119



Tritanopia

47.7950, 7.4961, -24.3762

Trichromacy



Original Color

52.3990, 28.3973, -8.2429

Protanomaly

45.9730, 31.0723, -26.2863

Deuteranomaly

46.7080, 26.2730, -26.9309

Tritanomaly

49.1900, 15.1893, -18.5836

Monochromacy



Original Color

52.3990, 28.3973, -8.2429

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3230, 10.1938, -2.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3990, 28.3973, -8.2429 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(43, 46, 110)` looks like.

```
.text, #text, p{  
    color:rgb(43, 46, 110)  
}
```

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(43, 46, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 46, 110) }
```

Border

The CSS property to change the border of an element to YUV 52.3990, 28.3973, -8.2429 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(43, 46, 110) }
```


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

```
.border{ border-color:rgb(43, 46, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 46, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 46, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 46, 110);  
box-shadow:4px 4px 4px 4px rgb(43, 46,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 52.3990, 28.3973, -8.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 46, 110) }
```

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

```
.background{ background-color: rgb(43, 46,  
110) }
```

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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