

Converting Colors

YUV(28.5680, 42.1180,
-22.4231)

Have a look what the booklet for
YUV(28.5680, 42.1180, -22.4231)
contains.

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Color

**YUV(28.5680, 42.1180,
-22.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	031972
RGB	3, 25, 114
RGB Percent	1%, 10%, 45%
CMY	0.9882, 0.9020, 0.5529
CMYK	0.97, 0.78, 0.00, 0.55
HSL	228°, 95%, 23%
HSV	228°, 97%, 45%
XYZ	3.4224, 1.9295, 16.1116
YIQ	28.5680, -41.6810, 23.0150

Conversions

Conversions Part 2

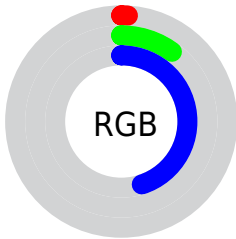
Format	Color
RYB	3, 21, 114
Decimal	203122
CIELab	15.11, 31.00, -52.14
CIElCh	15, 60.661, 300.734
Yxy	1.9295, 0.1595, 0.0899
Android (android.graphics.Color)	4278393202 (0xFF031972)
YUV	28.5680, 42.1180, -22.4231
Hunter-Lab	13.8907, 19.6706, -59.0460

Details

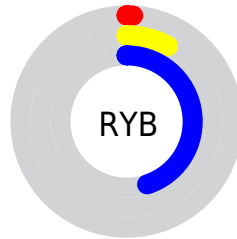
The YUV color **28.5680, 42.1180, -22.4231** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **88.4320, -42.1180, 22.4231**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.2650, 41.7744, -5.4944**, and **7.4100, 28.3919, -6.4986** is the 20% darker color. If you saturate the color by 10%, you get **26.4970, 43.1390, -23.2379**, and if you desaturate by 10%, it is **37.1400, 37.8920, -20.2938**.

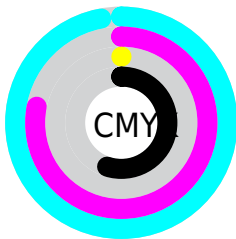
Distribution



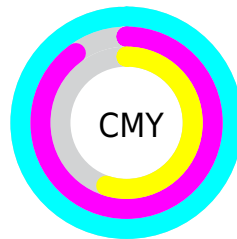
- Red (1%)
- Green (10%)
- Blue (45%)



- Red (1%)
- Yellow (8%)
- Blue (45%)



- Cyan (97%)
- Magenta (78%)
- Yellow (0%)
- Black (55%)



- Cyan (99%)
- Magenta (90%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.5680, 42.1180, -22.4231 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 28.5680, 42.1180, -22.4231 by changing the saturation by 10% instead.

■ 28.5680, 42.1180,
-22.4231

■ 28.5680, 42.1180,
-22.4231

■ 254.4130, 0.2894,
0.5148

■ 12.4940, 37.7175,
-10.9572

■ 82.2650, 41.7744,
-5.4944

■ 7.4100, 28.3919,
-6.4986

■ 107.9170, 42.9319,
-3.4352

■ 6.5490, 17.4773,
-5.7435

■ 133.5690, 44.0895,
-1.3760

■ 2.8670, 8.4466,
-2.5144

■ 160.5090, 45.1051,
-0.4464

■ 0.0000, 0.0000,
0.0000

■ 185.3710, 34.3271,
3.1826

■ 209.8910, 22.2387,

7.1116

■ 234.9980, 9.8610,
10.5258

■ 28.5680, 42.1180,
-22.4231

■ 28.5680, 42.1180,
-22.4231

■ 26.4970, 43.1390,
-23.2379

■ 37.1400, 37.8920,
-20.2938

■ 46.0110, 33.5186,
-17.5496

■ 54.5830, 29.2926,
-15.4203

■ 64.0410, 24.6298,
-13.1910

■ 72.6130, 20.4038,
-11.0616

■ 81.1850, 16.1778,
-8.9322

■ 90.0560, 11.8044,
-6.1881

■ 98.6280, 7.5784,
-4.0588

■ 107.4990, 3.2050,
-1.3146

Harmonies

Analogous

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



40.8930, 42.4508, -35.8632



28.5680, 42.1180, -22.4231



34.9480, 22.7036, 44.7726

Triad

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



28.5680, 42.1180, -22.4231



30.6650, -15.1178, 42.3898



35.4430, 1.2606, -31.0835

Complementary

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



28.5680, 42.1180, -22.4231



88.4320, -42.1180, 22.4231

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.



29.9370, -14.7589, -26.2547



28.5680, 42.1180, -22.4231



35.7720, -17.6356, 9.8470

Square

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



28.5680, 42.1180, -22.4231



30.1990, -14.8881, 62.0925



27.5890, -13.6014, -24.1956



41.0460, 20.1903, -35.9973

Rectangle

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



28.5680, 42.1180, -22.4231



36.5400, 8.1148, 57.4084



27.5890, -13.6014, -24.1956



33.6190, -5.7282, -29.4839

Sweetspot

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



28.5680, 42.1180, -22.4231



115.1850, 16.1778, -8.9322



78.3030, 6.7526, -66.0407



53.8990, 9.9098, -5.1734



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



28.5680, 42.1180, -22.4231



33.8950, 56.2538, -29.7259



25.5210, 43.6201, 9.1901



51.8580, 2.0420, -1.6295



27.7680, 45.4704, -24.3525



56.9210, 93.7089, -49.9197

Inverse Universe

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



38.6970, -6.7526, 66.0407



47.5580, -9.1491, 88.0876



91.4790, -43.6201, -9.1901



52.0220, -0.0108, 3.4887



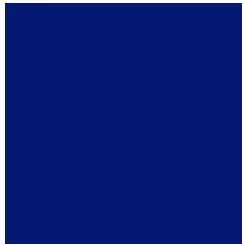
38.6160, -7.2057, 71.3738



79.4390, -15.0064, 146.9510

Previews

White Background



This preview shows how the YUV color 28.5680, 42.1180, -22.4231 looks on a white background.

Color Contrast Check

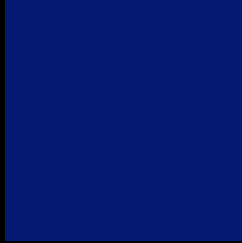
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5680, 42.1180, -22.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

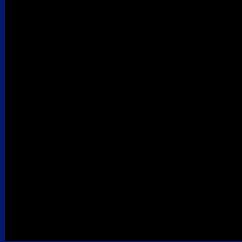
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.5680, 42.1180, -22.4231

Background



This preview shows how black text looks on a background with the YUV color 28.5680, 42.1180, -22.4231.



This preview shows how white text looks on a background with the YUV color 28.5680, 42.1180,

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

28.5680, 42.1180, -22.4231

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.8190, 17.8372, -27.9053



Tritanopia

31.0720, 7.3595, -27.2501

Trichromacy



Original Color

28.5680, 42.1180, -22.4231

Protanomaly

30.1580, 30.4881, -25.5716

Deuteranomaly

30.5340, 26.8517, -25.9013

Tritanomaly

30.1120, 20.1578, -25.5312

Monochromacy



Original Color

28.5680, 42.1180, -22.4231

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.2560, 15.1568, -8.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.5680, 42.1180, -22.4231 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(3, 25, 114)` looks like.

```
.text, #text, p{  
    color:rgb(3, 25, 114)  
}
```

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(3, 25, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 25, 114) }
```

Border

The CSS property to change the border of an element to YUV 28.5680, 42.1180, -22.4231 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(3, 25, 114) }
```


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

```
.border{ border-color:rgb(3, 25, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 25, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 25, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 25, 114);  
box-shadow:4px 4px 4px 4px rgb(3, 25, 114)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.5680, 42.1180, -22.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 25, 114) }
```

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

```
.background{ background-color: rgb(3, 25,  
114) }
```

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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