

Converting Colors

YUV(49.3280, 25.9673,
-22.2127)

Have a look what the booklet for
YUV(49.3280, 25.9673, -22.2127)
contains.

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Color

**YUV(49.3280, 25.9673,
-22.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	183466
RGB	24, 52, 102
RGB Percent	9%, 20%, 40%
CMY	0.9059, 0.7961, 0.6000
CMYK	0.76, 0.49, 0.00, 0.60
HSL	218°, 62%, 25%
HSV	218°, 76%, 40%
XYZ	4.0030, 3.6095, 13.0561
YIQ	49.3280, -32.7380, 9.6140

Conversions

Conversions Part 2

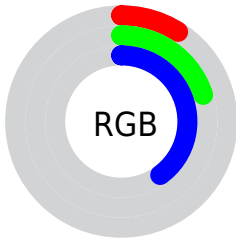
Format	Color
R_{YB}	24, 45, 102
Decimal	1586278
CIE Lab	22.34, 8.72, -32.53
CIE LCh	22, 33.676, 285.006
Yxy	3.6095, 0.1937, 0.1746
Android (android.graphics.Color)	4279776358 (0xFF183466)
YUV	49.3280, 25.9673, -22.2127
Hunter-Lab	18.9986, 4.3618, -27.4458

Details

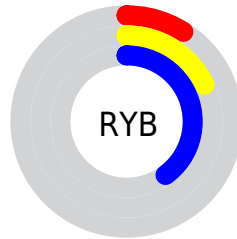
The YUV color **49.3280, 25.9673, -22.2127** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **76.6720, -25.9673, 22.2127**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5890, 26.8246, -17.1796**, and **9.7920, 22.2875, -8.5876** is the 20% darker color. If you saturate the color by 10%, you get **42.2290, 29.4671, -24.7568**, and if you desaturate by 10%, it is **56.4270, 22.4675, -19.6685**.

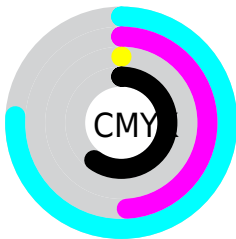
Distribution



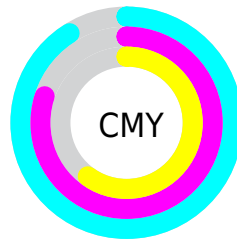
- Red (9%)
- Green (20%)
- Blue (40%)



- Red (9%)
- Yellow (18%)
- Blue (40%)



- Cyan (76%)
- Magenta (49%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3280, 25.9673, -22.2127 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 49.3280, 25.9673, -22.2127 by changing the saturation by 10% instead.

■ 49.3280, 25.9673,
-22.2127

■ 49.3280, 25.9673,
-22.2127

■ 255.0000, 0.0000,
0.0000

■ 27.0890, 25.0991,
-23.7571

■ 98.5890, 26.8246,
-17.1796

■ 9.7920, 22.2875,
-8.5876

■ 124.1160, 27.5508,
-16.7647

■ 4.9360, 13.8356,
-4.3289

■ 150.0560, 28.5664,
-15.8351

■ 0.5700, 2.1840,
-0.4999

■ 177.2840, 29.4400,
-16.0351

■ 0.0000, 0.0000,
0.0000

■ 203.5570, 25.3614,
-14.5205

■ 228.6640, 12.9836,

-11.1063

252.0100, 1.4741,
-6.1478

49.3280, 25.9673,
-22.2127

49.3280, 25.9673,
-22.2127

42.2290, 29.4671,
-24.7568

56.4270, 22.4675,
-19.6685

35.7170, 32.6775,
-27.8158

62.9390, 19.2571,
-16.6095

33.3470, 33.8459,
-29.2453

70.3370, 15.6099,
-13.4505

76.8490, 12.3994,
-10.3916

83.9480, 8.8996,
-7.8474

■ 90.4600, 5.6892,
-4.7884

■ 97.5590, 2.1894,
-2.2442

■ 104.3700, -1.1684,
1.4295

■ 111.4690, -4.6682,
3.9737

Harmonies

Analogous

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



46.8480, 27.1899, -41.0857



49.3280, 25.9673, -22.2127



55.1430, 16.6915, 13.0296

Triad

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



49.3280, 25.9673, -22.2127



51.3930, -15.9697, 35.6123



42.1280, -1.0491, -36.9463

Complementary

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



49.3280, 25.9673, -22.2127



76.6720, -25.9673, 22.2127

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.



44.6930, -14.6386, -18.1478



49.3280, 25.9673, -22.2127



50.9000, -25.0937, 22.0127

Square

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



49.3280, 25.9673, -22.2127



50.5260, -4.2033, 41.6347



49.0180, -24.1659, 4.3692



45.6790, 10.0183, -40.0605

Rectangle

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



49.3280, 25.9673, -22.2127



53.9340, 10.3855, 28.9989



49.0180, -24.1659, 4.3692



40.5150, -4.6909, -35.5317

Sweetspot

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



49.3280, 25.9673, -22.2127



111.9910, 10.3574, -8.7621



75.3720, -1.1694, -45.0532



53.5740, 6.1260, -4.8884



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



49.3280, 25.9673, -22.2127



50.1490, 40.8455, -34.3337



35.8820, 32.5962, -1.6505



47.7440, 1.6052, -1.5295



37.1770, 38.3667, -32.6042



78.6570, 80.5281, -68.9822

Inverse Universe

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



50.5140, 0.7326, 45.1532



52.3800, 0.7987, 70.7037



90.1180, -32.5962, 1.6505



47.7230, 0.1366, 2.8739



39.0590, 0.9569, 66.6003



82.2760, 2.3289, 140.0779

Previews

White Background



This preview shows how the YUV color 49.3280, 25.9673, -22.2127 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 49.3280, 25.9673, -22.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

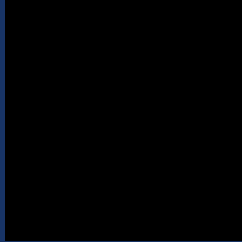
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3280, 25.9673, -22.2127

Background



This preview shows how black text looks on a background with the YUV color 49.3280, 25.9673, -22.2127.



This preview shows how white text looks on a background with the YUV color 49.3280, 25.9673,

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

49.3280, 25.9673, -22.2127

Protanopia

49.9260, 25.6725, -20.9831

Deuteranopia

43.2290, 26.0161, -37.9118



Tritanopia

41.9290, 10.8810, -36.7717

Trichromacy



Original Color

49.3280, 25.9673, -22.2127

Protanomaly

49.6270, 25.8199, -21.5979

Deuteranomaly

45.5610, 25.8524, -32.0640

Tritanomaly

44.4550, 16.5377, -31.0940

Monochromacy



Original Color

49.3280, 25.9673, -22.2127

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0620, 9.3364, -7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3280, 25.9673, -22.2127 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(24, 52, 102)` looks like.

```
.text, #text, p{  
    color:rgb(24, 52, 102)  
}
```

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(24, 52, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 52, 102) }
```

Border

The CSS property to change the border of an element to YUV 49.3280, 25.9673, -22.2127 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(24, 52, 102) }
```


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

```
.border{ border-color:rgb(24, 52, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 52, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 52, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 52, 102);  
box-shadow:4px 4px 4px 4px rgb(24, 52,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 49.3280, 25.9673, -22.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 52, 102) }
```

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

```
.background{ background-color: rgb(24, 52,  
102) }
```

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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