

Converting Colors

YUV(28.5020, 18.9795, 25.8697)

Have a look what the booklet for
YUV(28.5020, 18.9795, 25.8697)
contains.

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Color

**YUV(28.5020, 18.9795,
25.8697)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0643
RGB	58, 6, 67
RGB Percent	23%, 2%, 26%
CMY	0.7725, 0.9765, 0.7373
CMYK	0.13, 0.91, 0.00, 0.74
HSL	291°, 84%, 14%
HSV	291°, 91%, 26%
XYZ	2.8232, 1.4350, 5.4384
YIQ	28.5020, 11.4110, 29.9950

Conversions

Conversions Part 2

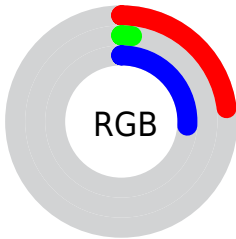
Format	Color
R_{YB}	58, 6, 67
Decimal	3802691
CIE _{Lab}	12.19, 33.34, -25.05
CIE _{LCh}	12, 41.706, 323.080
Yxy	1.4350, 0.2912, 0.1480
Android (android.graphics.Color)	4281992771 (0xFF3A0643)
YUV	28.5020, 18.9795, 25.8697
Hunter-Lab	11.9793, 21.1034, -18.5310




Details

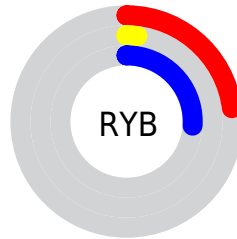
The YUV color **28.5020, 18.9795, 25.8697** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **44.4980, -18.9795, -25.8697**, and the grayscale version is **28.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **77.8010, 18.8321, 26.4845**, and **3.2090, 9.7570, -2.8143** is the 20% darker color. If you saturate the color by 10%, you get **24.6810, 20.8633, 28.3438**, and if you desaturate by 10%, it is **32.9100, 16.8064, 22.8809**.

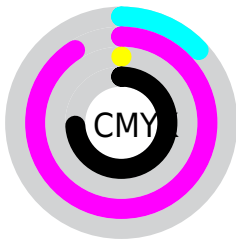
Distribution







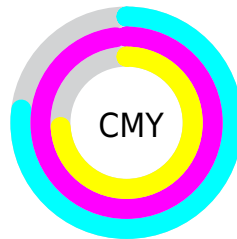
-  Red (23%)
-  Green (2%)
-  Blue (26%)






-  Red (23%)
-  Yellow (2%)
-  Blue (26%)



-  Cyan (13%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (77%)
-  Magenta (98%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.5020, 18.9795, 25.8697 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 28.5020, 18.9795, 25.8697 by changing the saturation by 10% instead.

■ 28.5020, 18.9795,
25.8697

■ 28.5020, 18.9795,
25.8697

■ 246.1950, 4.3409,
7.7220

■ 16.1930, 14.2019,
18.2477

■ 77.8010, 18.8321,
26.4845

■ 3.2090, 9.7570,
-2.8143

■ 102.5130, 18.9741,
27.6141

■ 0.0000, 0.0000,
0.0000


■ 128.3390, 19.5529,
28.6437


■ 154.7520, 19.8423,
29.1585


■ 182.1650, 20.1317,
29.6733


■ 209.9910, 20.7104,


30.7029


 229.7590, 12.4438,
22.1364


 28.5020, 18.9795,
25.8697


 28.5020, 18.9795,
25.8697


 24.6810, 20.8633,
28.3438

 32.9100, 16.8064,
22.8809

 36.7310, 14.9226,
20.4069

 41.1390, 12.7495,
17.4181

 45.5470, 10.5763,
14.4293

 49.9550, 8.4032,
11.4405

■ 53.7760, 6.5194,
8.9664

■ 58.1840, 4.3463,
5.9776

■ 62.5920, 2.1731,
2.9888

■ 66.4130, 0.2894,
0.5148

Harmonies

Analogous

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



26.2400, 29.4617, -23.0125



28.5020, 18.9795, 25.8697



27.5830, 6.1216, 43.3387

Triad

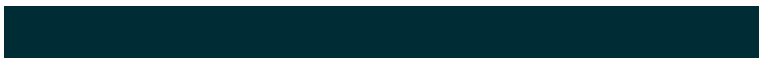
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.5020, 18.9795, 25.8697



30.7770, -15.1731, 13.3506



31.9840, 10.8539, -28.0500

Complementary

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



28.5020, 18.9795, 25.8697



44.4980, -18.9795, -25.8697

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.



28.5640, -2.2501, -25.0506



28.5020, 18.9795, 25.8697



27.4000, -13.5082, -7.3668

Square

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



28.5020, 18.9795, 25.8697



27.0770, -13.3490, 35.0125



24.0670, -11.8650, -21.1068



33.5460, 21.9158, -29.4198

Rectangle

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



28.5020, 18.9795, 25.8697



26.0150, -2.4724, 46.4678



24.0670, -11.8650, -21.1068



30.8440, 6.4859, -27.0502

Sweetspot

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



28.5020, 18.9795, 25.8697



71.7160, 7.5350, 9.8961



18.2370, 24.0402, -10.7318



34.1840, 4.3463, 5.9776



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



28.5020, 18.9795, 25.8697



32.0440, 27.0933, 36.7954



28.7990, 8.4801, 33.5023



31.2390, 0.8682, 1.5444



35.8750, 30.1346, 41.3286



82.6450, 69.6880, 95.0273

Inverse Universe

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



25.2650, -5.0606, 36.6016



27.4950, -7.1460, 52.1859



44.2010, -8.4801, -33.5023



30.8970, -0.4422, 1.8443



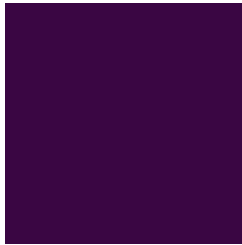
30.5990, -8.1833, 58.2337



70.7380, -18.6048, 134.4108

Previews

White Background



This preview shows how the YUV color 28.5020, 18.9795, 25.8697 looks on a white background.

Color Contrast Check

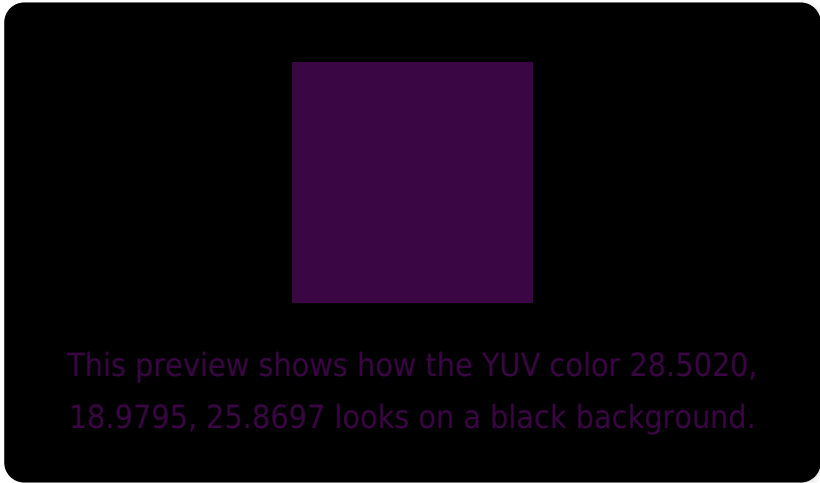
Large Text (above 18pt) WCAG AA ✓ Pass

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

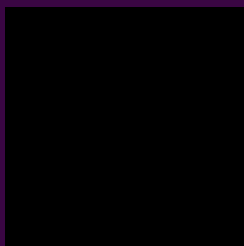
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.5020, 18.9795, 25.8697

Background



This preview shows how black text looks on a background with the YUV color 28.5020, 18.9795, 25.8697.



This preview shows how white text looks on a background with the YUV color 28.5020, 18.9795,

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

28.5020, 18.9795, 25.8697

Protanopia

28.0520, 21.1734, -24.6016

Tritanopia

35.0020, -2.9590, 15.7842

Trichromacy



Original Color

28.5020, 18.9795, 25.8697

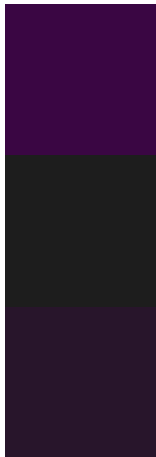
Protanomaly

28.3470, 20.5349, -6.4433

Tritanomaly

32.5000, 5.1765, 19.7325

Monochromacy



Original Color

28.5020, 18.9795, 25.8697

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1890, 6.8088, 9.4812

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.5020, 18.9795, 25.8697 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(58, 6, 67)` looks like.

```
.text, #text, p{  
    color:rgb(58, 6, 67)  
}
```

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(58, 6, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 6, 67) }
```

Border

The CSS property to change the border of an element to YUV 28.5020, 18.9795, 25.8697 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(58, 6, 67) }
```

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

```
.border{ border-color:rgb(58, 6, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 6, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 6, 67); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 6, 67); box-shadow:4px  
4px 4px 4px rgb(58, 6, 67) }
```


Background

The CSS property to change the background color of an element to YUV 28.5020, 18.9795, 25.8697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 6, 67) }
```

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

```
.background{ background-color: rgb(58, 6,  
67) }
```

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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