

Converting Colors

YUV(106.5420, 17.9738,
-25.0313)

Have a look what the booklet for
YUV(106.5420, 17.9738, -25.0313)
contains.

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Color

**YUV(106.5420, 17.9738,
-25.0313)**

Conversions

Conversions Part 1

Format	Color
Hex	4E728F
RGB	78, 114, 143
RGB Percent	31%, 45%, 56%
CMY	0.6941, 0.5529, 0.4392
CMYK	0.45, 0.20, 0.00, 0.44
HSL	207°, 29%, 43%
HSV	207°, 45%, 56%
XYZ	14.1171, 15.6375, 28.2609
YIQ	106.5420, -30.7650, 1.3870

Conversions

Conversions Part 2

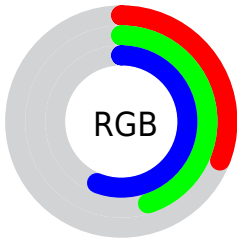
Format	Color
R_{YB}	78, 101, 143
Decimal	5141135
CIE _{Lab}	46.50, -4.58, -19.83
CIE _{LCh}	46, 20.349, 256.983
Yxy	15.6375, 0.2433, 0.2695
Android (android.graphics.Color)	4283331215 (0xFF4E728F)
YUV	106.5420, 17.9738, -25.0313
Hunter-Lab	39.5443, -5.4788, -14.6915

Details

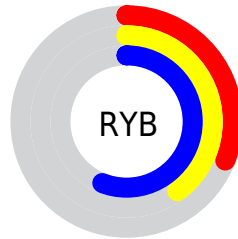
The YUV color **106.5420, 17.9738, -25.0313** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.4580, -17.9738, 25.0313**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7700, 18.8474, -25.2313**, and **56.8190, 17.8372, -27.9053** is the 20% darker color. If you saturate the color by 10%, you get **98.8340, 21.7738, -30.5494**, and if you desaturate by 10%, it is **114.2500, 14.1738, -19.5132**.

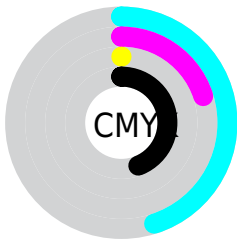
Distribution



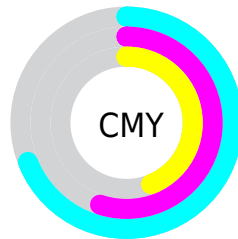
- Red (31%)
- Green (45%)
- Blue (56%)



- Red (31%)
- Yellow (40%)
- Blue (56%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5420, 17.9738, -25.0313 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 106.5420, 17.9738, -25.0313 by changing the saturation by 10% instead.

■ 106.5420, 17.9738,
-25.0313

■ 106.5420, 17.9738,
-25.0313

■ 255.0000, 0.0000,
0.0000

■ 81.7160, 17.3950,
-26.0609

■ 158.7700, 18.8474,
-25.2313

■ 56.8190, 17.8372,
-27.9053

■ 185.8840, 19.2842,
-25.3313

■ 33.6940, 17.4059,
-29.5496

■ 213.9980, 19.7210,
-25.4312

■ 19.3320, 13.1473,
-16.9542

■ 238.9200, 7.9274,
-22.7318

■ 3.5510, 11.0674,
-3.1142

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 106.5420, 17.9738,
-25.0313

■ 106.5420, 17.9738,
-25.0313

■ 98.8340, 21.7738,
-30.5494

■ 114.2500, 14.1738,
-19.5132

■ 90.2400, 26.0107,
-36.1675

■ 122.8440, 9.9369,
-13.8952

■ 82.5320, 29.8107,
-41.6856

■ 130.5520, 6.1369,
-8.3771

■ 74.2370, 33.9002,
-46.6888

■ 138.8470, 2.0474,
-3.3738

■ 66.2300, 37.8476,
-52.8217

■ 146.8540, -1.9000,
2.7590


■ 62.6750, 39.6002,
-54.9660

■ 154.5620, -5.7001,
8.2771

■ 162.8570, -9.7895,
13.2804

■ 170.5650,

-13.5895, 18.7985

 178.5720,
-17.5370, 24.9314

Harmonies

Analogous

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



102.5960, 15.9752, -37.3567



106.5420, 17.9738, -25.0313



110.1960, 16.1724, -7.1879

Triad

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



106.5420, 17.9738, -25.0313



112.3950, -5.6177, 28.5946



106.2900, -10.0030, -11.6553

Complementary

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



106.5420, 17.9738, -25.0313



114.4580, -17.9738, 25.0313

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.



108.0100, -15.2879, 3.4992



106.5420, 17.9738, -25.0313



111.2500, -12.4482, 26.0907

Square

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



106.5420, 17.9738, -25.0313



112.5390, 2.6923, 23.2063



110.1580, -16.3469, 16.5244



103.6070, -0.7923, -25.9653

Rectangle

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



106.5420, 17.9738, -25.0313



111.9480, 12.3506, 5.3076



110.1580, -16.3469, 16.5244



106.8670, -11.7664, -6.0224

Sweetspot

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



106.5420, 17.9738, -25.0313



171.7690, 7.0159, -10.3214



119.3470, -6.5801, -36.2613



85.1070, 4.3842, -6.2328



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



106.5420, 17.9738, -25.0313



128.5000, 28.3475, -39.0265



87.7580, 27.2343, -8.5578



67.1460, 1.9000, -2.7590



59.4150, 37.2634, -52.1070



3.2600, 2.3368, -2.8590

Inverse Universe

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



101.5390, 6.1433, 36.3613



120.8820, 9.4252, 57.1085



133.2420, -27.2343, 8.5578



66.5490, 0.7153, 3.9035



48.9150, 12.8599, 75.4965



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 106.5420, 17.9738, -25.0313 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 × Fail

Black Background



This preview shows how the YUV color 106.5420, 17.9738, -25.0313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

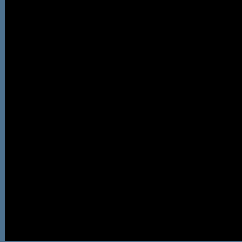
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

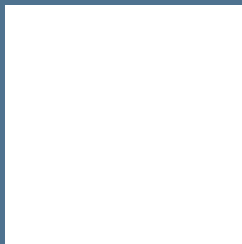
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 106.5420, 17.9738, -25.0313

Background



This preview shows how black text looks on a background with the YUV color 106.5420, 17.9738, -25.0313.



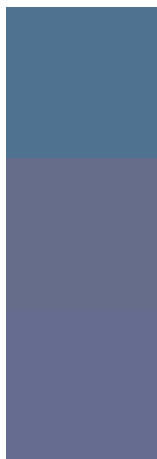
This preview shows how white text looks on a background with the YUV color 106.5420, 17.9738, -25.0313.

-25.0313.

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

106.5420, 17.9738, -25.0313

Protanopia

110.3270, 14.1358, -7.3028

Deuteranopia

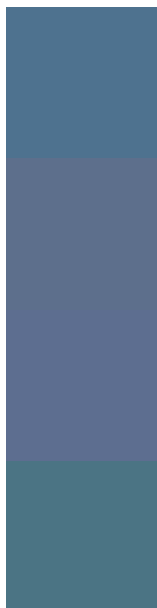
110.3100, 16.6092, -7.2879



Tritanopia

104.8700, 10.4171, -27.9500

Trichromacy



Original Color

106.5420, 17.9738, -25.0313

Protanomaly

108.9240, 15.3205, -13.9653

Deuteranomaly

108.7930, 17.3571, -13.8505

Tritanomaly

105.5650, 13.0325, -26.8055

Monochromacy



Original Color

106.5420, 17.9738, -25.0313

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5420, 17.9738, -25.0313 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(78, 114, 143)` looks like.

```
.text, #text, p{  
  color:rgb(78, 114, 143)  
}
```

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(78, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 114, 143) }
```

Border

The CSS property to change the border of an element to YUV 106.5420, 17.9738, -25.0313 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(78, 114, 143) }
```


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

```
.border{ border-color:rgb(78, 114, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 114, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(78, 114,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 106.5420, 17.9738, -25.0313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 114, 143) }
```

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

```
.background{ background-color: rgb(78, 114,  
143) }
```

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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