

Converting Colors

YUV(60.6780, 18.3997,
-21.6426)

Have a look what the booklet for
YUV(60.6780, 18.3997, -21.6426)
contains.

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Color

**YUV(60.6780, 18.3997,
-21.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	244262
RGB	36, 66, 98
RGB Percent	14%, 26%, 38%
CMY	0.8588, 0.7412, 0.6157
CMYK	0.63, 0.33, 0.00, 0.62
HSL	211°, 46%, 26%
HSV	211°, 63%, 38%
XYZ	4.8804, 5.1533, 12.2927
YIQ	60.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

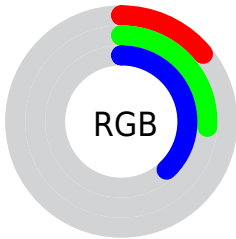
Format	Color
R_{YB}	36, 56, 98
Decimal	2376290
CIE _{Lab}	27.17, -0.22, -22.24
CIE _{LCh}	27, 22.238, 269.421
Yxy	5.1533, 0.2186, 0.2308
Android (android.graphics.Color)	4280566370 (0xFF244262)
YUV	60.6780, 18.3997, -21.6426
Hunter-Lab	22.7010, -1.3518, -16.2153

Details

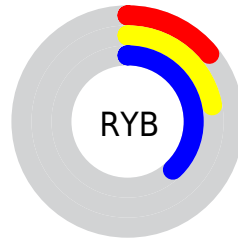
The YUV color **60.6780, 18.3997, -21.6426** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **73.3220, -18.3997, 21.6426**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9170, 19.2679, -20.0982**, and **19.9020, 15.3313, -17.4541** is the 20% darker color. If you saturate the color by 10%, you get **54.7530, 21.3208, -25.2164**, and if you desaturate by 10%, it is **66.6030, 15.4787, -18.0688**.

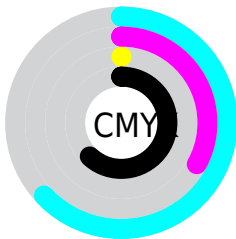
Distribution



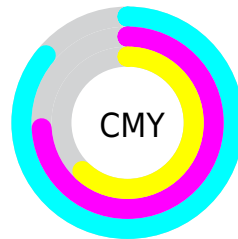
- Red (14%)
- Green (26%)
- Blue (38%)



- Red (14%)
- Yellow (22%)
- Blue (38%)



- Cyan (63%)
- Magenta (33%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (74%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6780, 18.3997, -21.6426 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 60.6780, 18.3997, -21.6426 by changing the saturation by 10% instead.

■ 60.6780, 18.3997,
-21.6426

■ 60.6780, 18.3997,
-21.6426

■ 255.0000, 0.0000,
0.0000

■ 36.0580, 18.7054,
-26.3609

■ 109.9170, 19.2679,
-20.0982

■ 19.9020, 15.3313,
-17.4541

■ 135.4440, 19.9941,
-19.6834

■ 4.5940, 12.5252,
-4.0289

■ 161.5580, 20.4309,
-19.7834

■ 0.0000, 0.0000,
0.0000

■ 188.6720, 20.8677,
-19.8833

■ 216.2160, 19.1205,
-19.4834

■ 241.6110, 6.6008,

-17.1988

253.8040, 0.5896,
-2.4591

60.6780, 18.3997,
-21.6426

60.6780, 18.3997,
-21.6426

54.7530, 21.3208,
-25.2164

66.6030, 15.4787,
-18.0688

48.8280, 24.2418,
-28.7902

72.5280, 12.5577,
-14.4951

43.2020, 27.0154,
-31.7492

78.1540, 9.7841,
-11.5361

38.7610, 29.2048,
-33.9934

84.0790, 6.8631,
-7.9623

90.0040, 3.9420,
-4.3885

■ 95.9290, 1.0210,
-0.8147

■ 101.8540, -1.9000,
2.7590

■ 107.4800, -4.6736,
5.7180

■ 113.9920, -7.8841,
8.7770

Harmonies

Analogous

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



51.6920, 20.3648, -45.3339



60.6780, 18.3997, -21.6426



65.3710, 14.1141, -0.3254

Triad

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



60.6780, 18.3997, -21.6426



64.7000, -8.2331, 27.4501



57.9840, -5.9081, -18.4030

Complementary

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



60.6780, 18.3997, -21.6426



73.3220, -18.3997, 21.6426

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.



61.1340, -13.3771, -2.7485



60.6780, 18.3997, -21.6426



64.0600, -14.3266, 21.8724

Square

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



60.6780, 18.3997, -21.6426



65.1650, -0.0813, 26.1653



62.8260, -16.1832, 10.6766



51.5280, 5.6557, -40.8051

Rectangle

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



60.6780, 18.3997, -21.6426



66.2970, 9.7136, 11.1405



62.8260, -16.1832, 10.6766



59.5070, -9.1240, -13.5996

Sweetspot

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



60.6780, 18.3997, -21.6426



112.8940, 7.4473, -8.6770



75.9280, -4.4015, -35.0169



54.8190, 4.5262, -5.1033



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



60.6780, 18.3997, -21.6426



69.0600, 29.0574, -33.3786



43.0680, 27.0815, -6.1986



45.6300, 1.1684, -1.4295



44.4660, 33.2943, -38.9967



95.4520, 71.2622, -83.7114

Inverse Universe

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



57.9580, 3.9647, 35.1168



65.2470, 5.7942, 55.0344



90.9320, -27.0815, 6.1986



45.4240, 0.2840, 2.2592



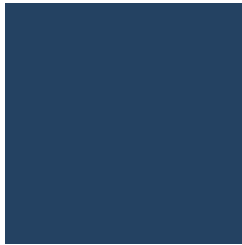
39.6440, 7.0775, 63.4562



84.9840, 15.2909, 135.9490

Previews

White Background



This preview shows how the YUV color 60.6780, 18.3997, -21.6426 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 60.6780, 18.3997, -21.6426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

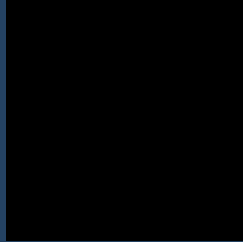
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

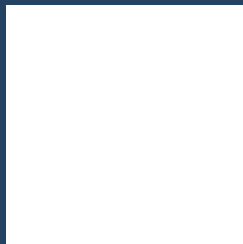
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 60.6780, 18.3997, -21.6426

Background



This preview shows how black text looks on a background with the YUV color 60.6780, 18.3997, -21.6426.



This preview shows how white text looks on a background with the YUV color 60.6780, 18.3997,

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

60.6780, 18.3997, -21.6426

Protanopia

63.6580, 15.4516, -9.3471

Deuteranopia

62.7930, 17.3571, -13.8505



Tritanopia

57.2290, 9.2541, -28.2648

Trichromacy



Original Color

60.6780, 18.3997, -21.6426

Protanomaly

62.5650, 16.4835, -13.6505

Deuteranomaly

62.1840, 17.6573, -16.8244

Tritanomaly

58.7500, 12.4482, -26.0907

Monochromacy



Original Color

60.6780, 18.3997, -21.6426

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.9650, 6.4263, -7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6780, 18.3997, -21.6426 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(36, 66, 98)` looks like.

```
.text, #text, p{  
    color:rgb(36, 66, 98)  
}
```

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(36, 66, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 66, 98) }
```

Border

The CSS property to change the border of an element to YUV 60.6780, 18.3997, -21.6426 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(36, 66, 98) }
```


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

```
.border{ border-color:rgb(36, 66, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 66, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 66, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 66, 98);  
box-shadow:4px 4px 4px 4px rgb(36, 66, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.6780, 18.3997, -21.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 66, 98) }
```

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

```
.background{ background-color: rgb(36, 66,  
98) }
```

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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