

Converting Colors

YUV(42.1000, 41.8557,
-31.6597)

Have a look what the booklet for
YUV(42.1000, 41.8557, -31.6597)
contains.

YUV(42.1000, 41.8557, -31.6597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(42.1000, 41.8557,
-31.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	062C7F
RGB	6, 44, 127
RGB Percent	2%, 17%, 50%
CMY	0.9765, 0.8275, 0.5020
CMYK	0.95, 0.65, 0.00, 0.50
HSL	221°, 91%, 26%
HSV	221°, 95%, 50%
XYZ	4.8066, 3.3724, 20.4763
YIQ	42.1000, -49.2910, 17.7570

Conversions

Conversions Part 2

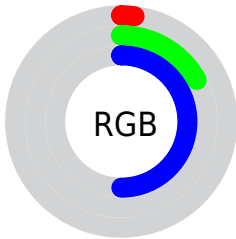
Format	Color
RYB	6, 35, 127
Decimal	404607
CIELab	21.48, 23.36, -49.97
CIELCh	21, 55.158, 295.054
Yxy	3.3724, 0.1677, 0.1177
Android (android.graphics.Color)	4278594687 (0xFF062C7F)
YUV	42.1000, 41.8557, -31.6597
Hunter-Lab	18.3641, 14.5829, -53.2546

Details

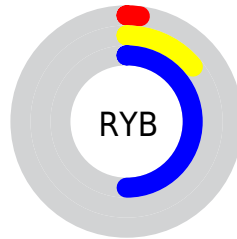
The YUV color **42.1000, 41.8557, -31.6597** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **90.9000, -41.8557, 31.6597**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.4980, 41.6595, -15.3457**, and **8.7780, 33.6334, -7.6983** is the 20% darker color. If you saturate the color by 10%, you get **37.9580, 43.8977, -33.2892**, and if you desaturate by 10%, it is **51.2700, 37.3349, -28.3008**.

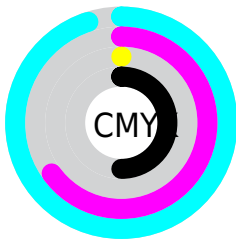
Distribution



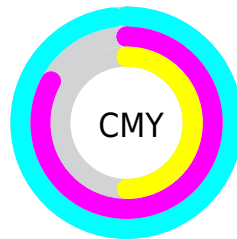
- Red (2%)
- Green (17%)
- Blue (50%)



- Red (2%)
- Yellow (14%)
- Blue (50%)



- Cyan (95%)
- Magenta (65%)
- Yellow (0%)
- Black (50%)



- Cyan (98%)
- Magenta (83%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1000, 41.8557, -31.6597 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 42.1000, 41.8557, -31.6597 by changing the saturation by 10% instead.

■ 42.1000, 41.8557,
-31.6597

■ 42.1000, 41.8557,
-31.6597

■ 255.0000, 0.0000,
0.0000

■ 25.6020, 37.1712,
-22.4530

■ 96.4980, 41.6595,
-15.3457

■ 8.7780, 33.6334,
-7.6983

■ 122.4490, 42.6696,
-12.6718

■ 8.9770, 21.7033,
-7.8728

■ 149.2750, 43.2484,
-11.6422

■ 4.7080, 12.9620,
-4.1289

■ 174.9610, 39.4592,
-9.6128

■ 0.2280, 0.8736,
-0.2000

■ 199.4810, 27.3709,
-5.6838

■ 0.0000, 0.0000,
0.0000

■ 224.5880, 14.9931,

-2.2697

250.5810, 2.1786,
1.2445

42.1000, 41.8557,
-31.6597

42.1000, 41.8557,
-31.6597

37.9580, 43.8977,
-33.2892

51.2700, 37.3349,
-28.3008

59.5540, 33.2509,
-25.0419

68.7240, 28.7301,
-21.6829

77.8940, 24.2093,
-18.3240

87.0640, 19.6884,
-14.9651

■ 95.3480, 15.6044,
-11.7062

■ 104.5180, 11.0836,
-8.3473

■ 113.6880, 6.5628,
-4.9884

■ 121.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



50.6100, 41.6043, -44.3850



42.1000, 41.8557, -31.6597



44.3650, 26.9351, 40.8989

Triad

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



42.1000, 41.8557, -31.6597



44.8630, -22.1175, 47.4781



44.2310, -0.6069, -38.7906

Complementary

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



42.1000, 41.8557, -31.6597



90.9000, -41.8557, 31.6597

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.



37.5680, -18.5210, -32.9471



42.1000, 41.8557, -31.6597



49.1060, -24.2093, 18.3240

Square

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



42.1000, 41.8557, -31.6597



37.2630, -8.5107, 69.9293



43.6030, -21.4963, -11.9298



49.0190, 17.7386, -42.9897

Rectangle

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



42.1000, 41.8557, -31.6597



41.6250, 15.9609, 60.8419



43.6030, -21.4963, -11.9298



42.0480, -6.4327, -36.8761

Sweetspot

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



42.1000, 41.8557, -31.6597



132.2770, 16.6254, -12.5209



86.4890, 1.2379, -70.5889



63.5890, 10.0626, -7.5326



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



42.1000, 41.8557, -31.6597



49.4480, 57.4601, -43.3659



26.3720, 49.6096, 1.4278



58.9720, 2.4788, -1.7294



38.0720, 44.3345, -33.3891



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.5110, -1.2379, 70.5889



55.5620, -1.7561, 96.8541



106.6280, -49.6096, -1.4278



59.3210, -0.1583, 4.1035



42.8320, -1.3962, 74.6923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 42.1000, 41.8557, -31.6597 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 42.1000, 41.8557, -31.6597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

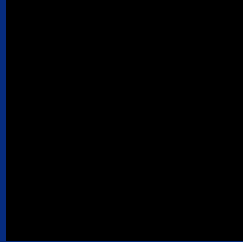
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1000, 41.8557, -31.6597

Background



This preview shows how black text looks on a background with the YUV color 42.1000, 41.8557, -31.6597.



This preview shows how white text looks on a background with the YUV color 42.1000, 41.8557,

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

42.1000, 41.8557, -31.6597

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

42.0720, 24.1215, -36.8971



Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Original Color

42.1000, 41.8557, -31.6597

Protanomaly

41.7700, 35.6094, -34.8783

Deuteranomaly

41.8040, 30.6626, -34.9081

Tritanomaly

41.3990, 21.4953, -34.5529

Monochromacy



Original Color

42.1000, 41.8557, -31.6597

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.2340, 15.1676, -11.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1000, 41.8557, -31.6597 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(6, 44, 127)` looks like.

```
.text, #text, p{  
    color:rgb(6, 44, 127)  
}
```

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(6, 44, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 44, 127) }
```

Border

The CSS property to change the border of an element to YUV 42.1000, 41.8557, -31.6597 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(6, 44, 127) }
```


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

```
.border{ border-color:rgb(6, 44, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 44, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 44, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 44, 127);  
box-shadow:4px 4px 4px 4px rgb(6, 44, 127)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1000, 41.8557, -31.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 44, 127) }
```

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

```
.background{ background-color: rgb(6, 44,  
127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor