

Converting Colors

YUV(162.9800, 34.0269, 6.1565)

Have a look what the booklet for
YUV(162.9800, 34.0269, 6.1565)
contains.

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Color

**YUV(162.9800, 34.0269,
6.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	AA92E8
RGB	170, 146, 232
RGB Percent	67%, 57%, 91%
CMY	0.3333, 0.4275, 0.0902
CMYK	0.27, 0.37, 0.00, 0.09
HSL	257°, 65%, 74%
HSV	257°, 37%, 91%
XYZ	41.4219, 34.9300, 80.9029
YIQ	162.9800, -13.3020, 31.8340

Conversions

Conversions Part 2

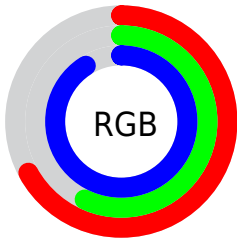
Format	Color
R_{YB}	170, 146, 232
Decimal	11178728
CIE _{Lab}	65.69, 26.95, -40.30
CIE _{LCh}	66, 48.478, 303.778
Yxy	34.9300, 0.2634, 0.2221
Android (android.graphics.Color)	4289368808 (0xFFAA92E8)
YUV	162.9800, 34.0269, 6.1565
Hunter-Lab	59.1016, 21.6756, -39.7897

Details

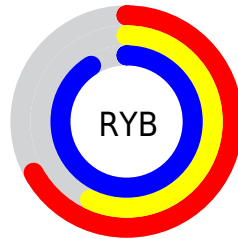
The YUV color **162.9800, 34.0269, 6.1565** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **215.0200, -34.0269, -6.1565**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3430, 20.0439, 11.1002**, and **110.5130, 32.2851, 4.8121** is the 20% darker color. If you saturate the color by 10%, you get **144.3960, 43.1888, 7.5457**, and if you desaturate by 10%, it is **181.5640, 24.8649, 4.7674**.

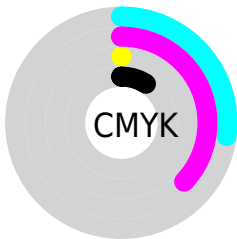
Distribution



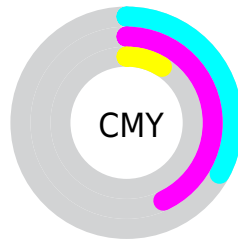
- Red (67%)
- Green (57%)
- Blue (91%)



- Red (67%)
- Yellow (57%)
- Blue (91%)



- Cyan (27%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9800, 34.0269, 6.1565 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 162.9800, 34.0269, 6.1565 by changing the saturation by 10% instead.

■ 162.9800, 34.0269,
6.1565

■ 162.9800, 34.0269,
6.1565

255.0000, 0.0000,
0.0000

■ 136.4530, 33.3007,
5.7417

■ 214.3430, 20.0439,
11.1002

■ 110.5130, 32.2851,
4.8121

■ 239.1510, 7.8136,
13.8996

■ 85.2740, 31.4169,
3.2677

■ 61.0350, 30.5487,
1.7233

■ 37.9700, 29.1018,
-0.8507

■ 12.7520, 29.7023,
-6.7985

■ 5.7000, 21.8399,

-4.9989

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 162.9800, 34.0269,
6.1565

■ 162.9800, 34.0269,
6.1565

■ 144.3960, 43.1888,
7.5457

■ 181.5640, 24.8649,
4.7674

■ 126.1110, 52.2033,
9.5497

■ 199.8490, 15.8504,
2.7634

■ 106.9400, 61.6546,
11.4536

■ 219.0200, 6.3991,
0.8595

■ 88.3560, 70.8165,
12.8428

■ 237.6040, -2.7628,
-0.5297

■ 69.7720, 79.9784,
14.2320

■ 252.0790, -9.8989,
1.6847

■ 51.4870, 88.9929,
16.2359

■ 252.3780,
-10.0464, 2.2995

■ 45.8830, 91.7557,
16.7656

Harmonies

Analogous

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



150.9450, 46.8621, -50.8178



162.9800, 34.0269, 6.1565



164.1780, 17.1672, 47.2019

Triad

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



162.9800, 34.0269, 6.1565



157.8730, -37.4054, 50.9774



125.5300, 18.9657, -110.0898

Complementary

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



162.9800, 34.0269, 6.1565



215.0200, -34.0269, -6.1565

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.



141.4770, -10.5882, -57.4233



162.9800, 34.0269, 6.1565



155.1330, -41.9706, 21.8084

Square

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



162.9800, 34.0269, 6.1565



159.8810, -22.6193, 68.5104



150.3180, -32.6948, -13.4339



129.2580, 38.3268, -113.3593

Rectangle

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



162.9800, 34.0269, 6.1565



162.5470, 4.1673, 63.5413



150.3180, -32.6948, -13.4339



123.2330, 12.7031, -108.0753

Sweetspot

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



162.9800, 34.0269, 6.1565



232.5840, 11.0511, 2.1188



192.7850, 19.3330, -41.0304



114.4330, 6.6885, 1.3743



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



162.9800, 34.0269, 6.1565



165.0370, 44.3518, 7.8606



175.5380, 27.8358, 31.9772



105.2650, 4.7994, 0.6446



35.3560, 70.8165, 12.8428



10.0000, 20.2130, 3.5080

Inverse Universe

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



178.7820, 14.4045, 46.6722



185.7220, 18.8711, 60.7568



202.4620, -27.8358, -31.9772



107.6140, 2.1623, 6.4775



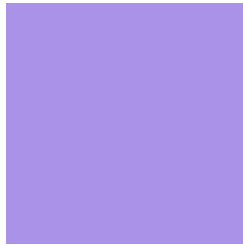
68.2270, 29.9611, 97.1479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 162.9800, 34.0269, 6.1565 looks on a white background.

Color Contrast Check

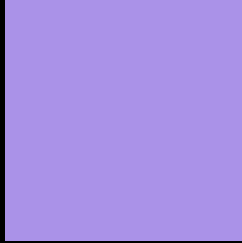
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 162.9800, 34.0269, 6.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

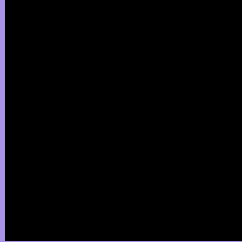
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.9800, 34.0269, 6.1565

Background



This preview shows how black text looks on a background with the YUV color 162.9800, 34.0269, 6.1565.



This preview shows how white text looks on a background with the YUV color 162.9800, 34.0269, 6.1565.

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

162.9800, 34.0269, 6.1565

Protanopia

158.5030, 40.6710, -24.9971

Deuteranopia

158.3200, 34.8452, -23.0826



Tritanopia

160.0690, 5.3890, -1.8145

Trichromacy



Original Color

162.9800, 34.0269, 6.1565

Protanomaly

160.2980, 38.3071, -13.4163

Deuteranomaly

160.2720, 34.3759, -12.5165

Tritanomaly

160.8380, 15.8559, 1.0191

Monochromacy



Original Color

162.9800, 34.0269, 6.1565

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.2250, 12.2141, 2.4337

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9800, 34.0269, 6.1565 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(170, 146, 232)` looks like.

```
.text, #text, p{  
    color:rgb(170, 146, 232)  
}
```

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(170, 146, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 146, 232) }
```

Border

The CSS property to change the border of an element to YUV 162.9800, 34.0269, 6.1565 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(170, 146, 232) }
```


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

```
.border{ border-color:rgb(170, 146, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 146, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 146, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 146, 232);  
box-shadow:4px 4px 4px 4px rgb(170, 146,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 162.9800, 34.0269, 6.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 146, 232) }
```

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

```
.background{ background-color: rgb(170,  
146, 232) }
```

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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