

Converting Colors

YUV(136.9140, 40.9614,
22.0004)

Have a look what the booklet for
YUV(136.9140, 40.9614, 22.0004)
contains.

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Color

**YUV(136.9140, 40.9614,
22.0004)**

Conversions

Conversions Part 1

Format	Color
Hex	A26CDC
RGB	162, 108, 220
RGB Percent	64%, 42%, 86%
CMY	0.3647, 0.5765, 0.1373
CMYK	0.26, 0.51, 0.00, 0.14
HSL	269°, 62%, 64%
HSV	269°, 51%, 86%
XYZ	33.1811, 23.5738, 70.5115
YIQ	136.9140, -3.7680, 46.2800

Conversions

Conversions Part 2

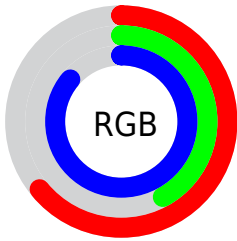
Format	Color
RYB	162, 108, 220
Decimal	10644700
CIELab	55.66, 43.19, -49.48
CIELCh	56, 65.682, 311.115
Yxy	23.5738, 0.2607, 0.1852
Android (android.graphics.Color)	4288834780 (0xFFA26CDC)
YUV	136.9140, 40.9614, 22.0004
Hunter-Lab	48.5529, 37.0197, -52.1176

Details

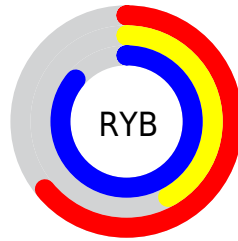
The YUV color **136.9140, 40.9614, 22.0004** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **191.0860, -40.9614, -22.0004**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0580, 32.5094, 26.2591**, and **84.7350, 39.0776, 19.5264** is the 20% darker color. If you saturate the color by 10%, you get **120.7110, 48.9495, 26.5635**, and if you desaturate by 10%, it is **153.1170, 32.9733, 17.4374**.

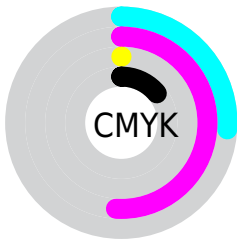
Distribution



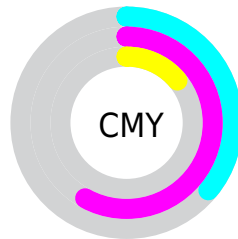
- Red (64%)
- Green (42%)
- Blue (86%)



- Red (64%)
- Yellow (42%)
- Blue (86%)



- Cyan (26%)
- Magenta (51%)
- Yellow (0%)
- Black (14%)



- Cyan (36%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9140, 40.9614, 22.0004 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 136.9140, 40.9614, 22.0004 by changing the saturation by 10% instead.

136.9140, 40.9614,
22.0004

136.9140, 40.9614,
22.0004

255.0000, 0.0000,
0.0000

110.6750, 40.0932,
20.4560

189.0580, 32.5094,
26.2591

84.7350, 39.0776,
19.5264

213.8770, 20.2736,
30.8029

58.9090, 38.4989,
18.4968

232.1070, 11.2862,
20.0772

32.0230, 38.9357,
18.3968

249.1300, 2.8939,
5.1480

16.6810, 34.1743,
5.5418

7.0680, 27.0815,
-6.1986

6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 136.9140, 40.9614,
22.0004

■ 136.9140, 40.9614,
22.0004

■ 120.7110, 48.9495,
26.5635

■ 153.1170, 32.9733,
17.4374

■ 104.2090, 57.0850,
30.5117

■ 169.6190, 24.8378,
13.4891

■ 88.0060, 65.0730,
35.0747

■ 185.8220, 16.8498,
8.9261

■ 71.5040, 73.2085,
39.0230

■ 202.3240, 8.7143,
4.9779

■ 56.7740, 80.4704,
43.1712

■ 218.5270, 0.7262,
0.4148

■ 234.7300, -7.2619,
-4.1482

■ 247.1230,
-13.3716, -4.4929

■ 250.4120,
-14.9931, 2.2697

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



111.1980, 66.4574, -82.6116



136.9140, 40.9614, 22.0004



131.7390, 19.8487, 73.8969

Triad

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



136.9140, 40.9614, 22.0004



125.3040, -61.2819, 55.8614



110.8890, 21.2537, -97.2497

Complementary

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



136.9140, 40.9614, 22.0004



191.0860, -40.9614, -22.0004

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.



102.8750, -4.3754, -90.2214



136.9140, 40.9614, 22.0004



122.2790, -60.2835, 15.5413

Square

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



136.9140, 40.9614, 22.0004



127.6350, -32.8511, 83.6351



114.9920, -38.4501, -34.1960



116.3440, 44.6934, -102.0337

Rectangle

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



136.9140, 40.9614, 22.0004



126.9080, 3.4964, 92.1657



114.9920, -38.4501, -34.1960



108.6090, 12.5178, -95.2501

Sweetspot

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



136.9140, 40.9614, 22.0004



226.7140, 13.9450, 7.2668



155.9880, 31.5579, -42.0855



110.9110, 8.4249, 4.4631



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.



136.9140, 40.9614, 22.0004



139.2090, 57.0850, 30.5117



153.0600, 33.0014, 55.1984



101.7490, 4.0677, 1.9741



44.8380, 63.1839, 34.3451



11.8220, 16.8498, 8.9261

Inverse Universe

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



148.1000, 8.8247, 63.0563



154.8780, 12.3851, 87.8070



174.9400, -33.0014, -55.1984



102.8590, 0.5625, 6.2627



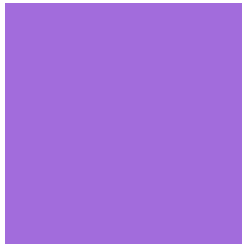
61.9870, 13.8104, 97.3584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 136.9140, 40.9614, 22.0004 looks on a white background.

Color Contrast Check

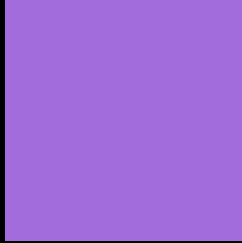
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 136.9140, 40.9614, 22.0004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

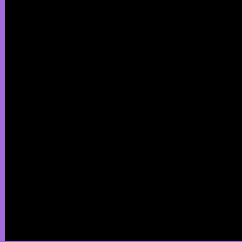
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9140, 40.9614, 22.0004

Background



This preview shows how black text looks on a background with the YUV color 136.9140, 40.9614, 22.0004.



This preview shows how white text looks on a background with the YUV color 136.9140, 40.9614,

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

136.9140, 40.9614, 22.0004

Protanopia

127.7040, 55.8549, -41.8364

Deuteranopia

128.8820, 42.4562, -37.6075



Tritanopia

134.8210, 1.5672, 10.6810

Trichromacy



Original Color

136.9140, 40.9614, 22.0004

Protanomaly

131.0660, 50.2535, -18.4749

Deuteranomaly

132.1990, 41.8069, -15.9605

Tritanomaly

135.6270, 15.9599, 14.3591

Monochromacy



Original Color

136.9140, 40.9614, 22.0004

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6540, 14.9606, 8.1964

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9140, 40.9614, 22.0004 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(162, 108, 220)` looks like.

```
.text, #text, p{  
    color:rgb(162, 108, 220)  
}
```

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(162, 108, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 108, 220) }
```

Border

The CSS property to change the border of an element to YUV 136.9140, 40.9614, 22.0004 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(162, 108, 220) }
```


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

```
.border{ border-color:rgb(162, 108, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 108, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 108, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 108, 220);  
box-shadow:4px 4px 4px 4px rgb(162, 108,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 136.9140, 40.9614, 22.0004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 108, 220) }
```

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

```
.background{ background-color: rgb(162,  
108, 220) }
```

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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