

Converting Colors

YUV(36.8720, 64.6461,
-14.7967)

Have a look what the booklet for
YUV(36.8720, 64.6461, -14.7967)
contains.

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Color

**YUV(36.8720, 64.6461,
-14.7967)**

Conversions

Conversions Part 1

Format	Color
Hex	1414A8
RGB	20, 20, 168
RGB Percent	8%, 8%, 66%
CMY	0.9216, 0.9216, 0.3412
CMYK	0.88, 0.88, 0.00, 0.34
HSL	240°, 79%, 37%
HSV	240°, 88%, 66%
XYZ	7.6065, 3.4762, 37.3159
YIQ	36.8720, -47.5080, 46.0280

Conversions

Conversions Part 2

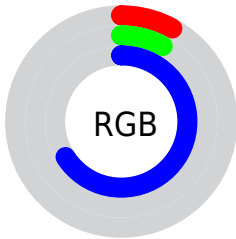
Format	Color
R_{YB}	20, 20, 168
Decimal	1316008
CIE _{Lab}	21.86, 52.29, -74.69
CIE _{LCh}	22, 91.173, 304.995
Yxy	3.4762, 0.1572, 0.0718
Android (android.graphics.Color)	4279506088 (0xFF1414A8)
YUV	36.8720, 64.6461, -14.7967
Hunter-Lab	18.6445, 40.1958, -105.6140

Details

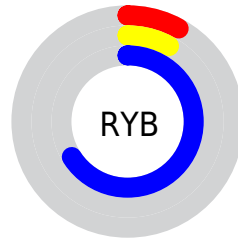
The YUV color **36.8720, 64.6461, -14.7967** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **151.1280, -64.6461, 14.7967**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.3410, 63.4289, 2.3319**, and **12.9960, 49.7950, -11.3975** is the 20% darker color. If you saturate the color by 10%, you get **21.8100, 72.0717, -16.4964**, and if you desaturate by 10%, it is **51.9340, 57.2205, -13.0971**.

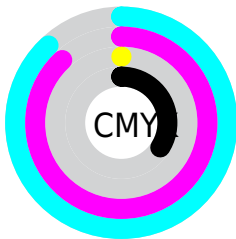
Distribution



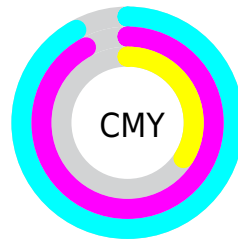
- Red (8%)
- Green (8%)
- Blue (66%)



- Red (8%)
- Yellow (8%)
- Blue (66%)



- Cyan (88%)
- Magenta (88%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (92%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8720, 64.6461, -14.7967 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 36.8720, 64.6461, -14.7967 by changing the saturation by 10% instead.

■ 36.8720, 64.6461,
-14.7967

■ 36.8720, 64.6461,
-14.7967

■ 255.0000, 0.0000,
0.0000

■ 16.0740, 61.5885,
-14.0969

■ 96.3410, 63.4289,
2.3319

■ 12.9960, 49.7950,
-11.3975

■ 123.5910, 64.2916,
5.6207

■ 10.1460, 38.8750,
-8.8980

■ 147.6490, 52.9240,
11.7088

■ 11.4050, 25.9293,
-10.0022

■ 172.4680, 40.6883,
16.2526

■ 6.4350, 17.0405,
-5.6435

■ 197.2870, 28.4525,
20.7963

■ 2.7530, 8.0098,
-2.4144

■ 222.9920, 15.7799,

■ 0.0000, 0.0000,

25.4400

0.0000

■ 240.3250, 7.2348,
12.8700

■ 36.8720, 64.6461,
-14.7967

■ 36.8720, 64.6461,
-14.7967

■ 21.8100, 72.0717,
-16.4964

■ 51.9340, 57.2205,
-13.0971

■ 19.1520, 73.3821,
-16.7963

■ 66.9960, 49.7950,
-11.3975

■ 81.1720, 42.8062,
-9.7978

■ 96.2340, 35.3806,
-8.0982

■ 111.2960, 27.9551,
-6.3986

■ 126.3580, 20.5295,
-4.6990

■ 141.4200, 13.1039,
-2.9993

■ 155.5960, 6.1152,
-1.3997

■ 170.6580, -1.3104,
0.2999

Harmonies

Analogous

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



59.0970, 66.5072, -51.8281



36.8720, 64.6461, -14.7967



52.7200, 28.7320, 71.2826

Triad

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



36.8720, 64.6461, -14.7967



41.0970, -20.2608, 58.6739



50.0330, 6.3927, -43.8789

Complementary

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



36.8720, 64.6461, -14.7967



151.1280, -64.6461, 14.7967

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.



41.6770, -20.5468, -36.5507



36.8720, 64.6461, -14.7967



48.7300, -24.0239, 5.4988

Square

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



36.8720, 64.6461, -14.7967



43.0560, -21.2266, 88.5279



38.7420, -19.0998, -33.9767



58.9590, 35.5162, -51.7070

Rectangle

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



36.8720, 64.6461, -14.7967



53.6840, 6.5648, 87.9771



38.7420, -19.0998, -33.9767



46.7100, -3.8010, -40.9647

Sweetspot

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



36.8720, 64.6461, -14.7967



168.4980, 24.8975, -5.6987



123.7480, 21.8162, -90.9870



79.8760, 14.8511, -3.3993



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



36.8720, 64.6461, -14.7967



24.9660, 95.6588, -21.8952



58.9980, 53.7380, 30.6968



76.9120, 3.4944, -0.7998



16.8720, 64.6461, -14.7967



2.2800, 8.7360, -1.9996

Inverse Universe

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



81.1240, 42.8299, 76.1903



90.4470, 63.3766, 112.7410



129.0020, -53.7380, -30.6968



79.3040, 2.3151, 4.1184



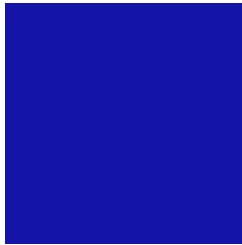
61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 36.8720, 64.6461, -14.7967 looks on a white background.

Color Contrast Check

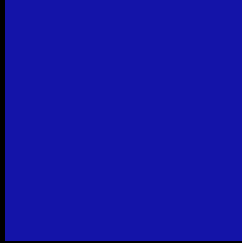
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8720, 64.6461, -14.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

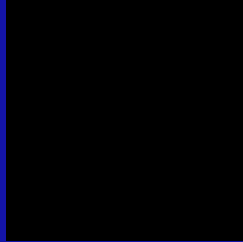
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8720, 64.6461, -14.7967

Background



This preview shows how black text looks on a background with the YUV color 36.8720, 64.6461, -14.7967.



This preview shows how white text looks on a background with the YUV color 36.8720, 64.6461, -14.7967.

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

36.8720, 64.6461, -14.7967

Protanopia

42.8360, 32.1259, -37.5672

Deuteranopia

42.7730, 24.2689, -37.5119



Tritanopia

41.7010, 10.0074, -36.5718

Trichromacy



Original Color

36.8720, 64.6461, -14.7967

Protanomaly

40.3930, 44.1763, -29.2857

Deuteranomaly

40.4270, 39.2295, -29.3155

Tritanomaly

40.0220, 30.0622, -28.9603

Monochromacy



Original Color

36.8720, 64.6461, -14.7967

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1560, 23.5871, -5.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8720, 64.6461, -14.7967 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(20, 20, 168)` looks like.

```
.text, #text, p{  
    color:rgb(20, 20, 168)  
}
```

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(20, 20, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 20, 168) }
```

Border

The CSS property to change the border of an element to YUV 36.8720, 64.6461, -14.7967 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(20, 20, 168) }
```


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

```
.border{ border-color:rgb(20, 20, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 20, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 20, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 20, 168);  
box-shadow:4px 4px 4px 4px rgb(20, 20,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 36.8720, 64.6461, -14.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 20, 168) }
```

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

```
.background{ background-color: rgb(20, 20,  
168) }
```

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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