

Converting Colors

YUV(36.7220, 75.5661,
-17.2962)

Have a look what the booklet for
YUV(36.7220, 75.5661, -17.2962)
contains.

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Color

**YUV(36.7220, 75.5661,
-17.2962)**

Conversions

Conversions Part 1

Format	Color
Hex	1111BE
RGB	17, 17, 190
RGB Percent	7%, 7%, 75%
CMY	0.9333, 0.9333, 0.2549
CMYK	0.91, 0.91, 0.00, 0.25
HSL	240°, 84%, 41%
HSV	240°, 91%, 75%
XYZ	9.7259, 4.2378, 49.0206
YIQ	36.7220, -55.5330, 53.8030

Conversions

Conversions Part 2

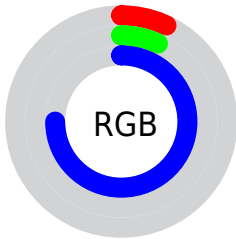
Format	Color
R _Y B	17, 17, 190
Decimal	1118654
CIE Lab	24.44, 59.55, -83.56
CIE LCh	24, 102.604, 305.474
Yxy	4.2378, 0.1544, 0.0673
Android (android.graphics.Color)	4279308734 (0xFF1111BE)
YUV	36.7220, 75.5661, -17.2962
Hunter-Lab	20.5859, 48.3079, -126.7756

Details

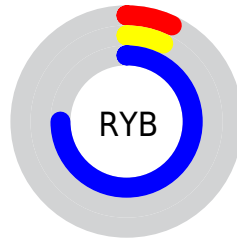
The YUV color **36.7220, 75.5661, -17.2962** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **170.2780, -75.5661, 17.2962**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7570, 72.5908, 3.7211**, and **15.3900, 58.9677, -13.4970** is the 20% darker color. If you saturate the color by 10%, you get **21.6600, 82.9916, -18.9958**, and if you desaturate by 10%, it is **53.5560, 67.2669, -15.3966**.

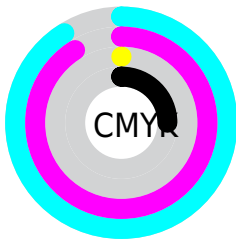
Distribution



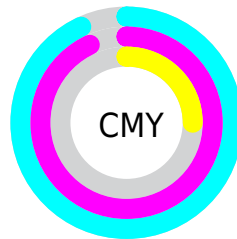
- Red (7%)
- Green (7%)
- Blue (75%)



- Red (7%)
- Yellow (7%)
- Blue (75%)



- Cyan (91%)
- Magenta (91%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.7220, 75.5661, -17.2962 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 36.7220, 75.5661, -17.2962 by changing the saturation by 10% instead.

■ 36.7220, 75.5661,
-17.2962

■ 36.7220, 75.5661,
-17.2962

■ 255.0000, 0.0000,
0.0000

■ 18.4680, 70.7613,
-16.1964

■ 100.7570, 72.5908,
3.7211

■ 15.3900, 58.9677,
-13.4970

■ 126.3850, 63.4072,
9.3094

■ 12.3120, 47.1742,
-10.7976

■ 151.2150, 51.1660,
15.5974

■ 15.9190, 33.0709,
-13.9610

■ 175.7460, 39.0722,
21.2708

■ 10.2480, 24.0347,
-8.9875

■ 201.4510, 26.3997,
25.9145

■ 5.2780, 15.1459,
-4.6288


■ 225.0630, 14.7589,

■ 1.3680, 5.2416,


26.2547

-1.1997


 242.0860, 6.3666,
11.3256


 0.0000, 0.0000,
0.0000


 36.7220, 75.5661,
-17.2962


 36.7220, 75.5661,
-17.2962


 21.6600, 82.9916,
-18.9958

 53.5560, 67.2669,
-15.3966

 70.3900, 58.9677,
-13.4970

 87.2240, 50.6686,
-11.5974

 104.0580, 42.3694,
-9.6979

 120.8920, 34.0702,
-7.7983

■ 137.7260, 25.7711,
-5.8987

■ 154.5600, 17.4719,
-3.9991

■ 171.3940, 9.1728,
-2.0995

■ 188.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



66.8710, 75.9856, -58.6459



36.7220, 75.5661, -17.2962



59.3990, 32.3413, 80.3341

Triad

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



36.7220, 75.5661, -17.2962



44.0980, -21.7403, 66.5661



55.6410, 7.5720, -48.7972

Complementary

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



36.7220, 75.5661, -17.2962



170.2780, -75.5661, 17.2962

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.



45.7860, -22.5725, -40.1543



36.7220, 75.5661, -17.2962



53.7470, -26.4973, 5.4839

Square

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



36.7220, 75.5661, -17.2962



48.1390, -23.7325, 98.9791



43.4380, -21.4149, -38.0951



65.7070, 41.0634, -57.6250

Rectangle

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



36.7220, 75.5661, -17.2962



60.4620, 6.6742, 99.5728



43.4380, -21.4149, -38.0951



51.9760, -3.9322, -45.5830

Sweetspot

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



36.7220, 75.5661, -17.2962



188.5240, 28.8287, -6.5985



138.2730, 25.5014, -106.3564



89.5600, 17.4719, -3.9991



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



36.7220, 75.5661, -17.2962



28.1580, 107.8891, -24.6946



62.7350, 62.7416, 36.1894



86.0260, 3.9312, -0.8998



18.0120, 69.0141, -15.7965



3.5340, 13.5407, -3.0993

Inverse Universe

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



88.4490, 50.0646, 89.0602



102.0110, 71.4796, 127.1554



144.5640, -62.8891, -35.5746



88.7170, 2.6045, 4.6332



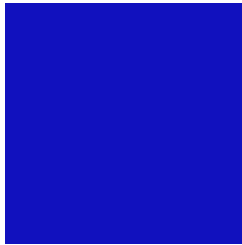
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 36.7220, 75.5661, -17.2962 looks on a white background.

Color Contrast Check

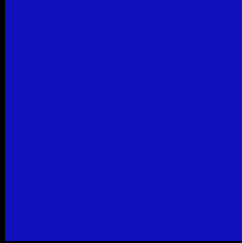
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7220, 75.5661, -17.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

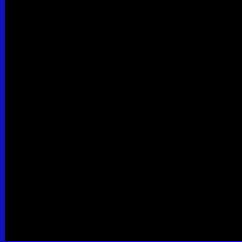
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.7220, 75.5661, -17.2962

Background



This preview shows how black text looks on a background with the YUV color 36.7220, 75.5661, -17.2962.



This preview shows how white text looks on a background with the YUV color 36.7220, 75.5661, -17.2962.

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

36.7220, 75.5661, -17.2962

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.3210, 26.4637, -41.5005

Trichromacy



Original Color

36.7220, 75.5661, -17.2962

Protanomaly

42.9780, 50.2968, -32.4297

Deuteranomaly

43.3710, 44.1871, -32.7744

Monochromacy



Original Color

36.7220, 75.5661, -17.2962

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1820, 27.5183, -6.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7220, 75.5661, -17.2962 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(17, 17, 190)` looks like.

```
.text, #text, p{  
    color:rgb(17, 17, 190)  
}
```

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(17, 17, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 17, 190) }
```

Border

The CSS property to change the border of an element to YUV 36.7220, 75.5661, -17.2962 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(17, 17, 190) }
```

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

```
.border{ border-color:rgb(17, 17, 190) }
```

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

Here you see how a box with a 4 pixel rgb(17, 17, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 17, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 17, 190);  
box-shadow:4px 4px 4px 4px rgb(17, 17,  
190) }
```


Background

The CSS property to change the background color of an element to YUV 36.7220, 75.5661, -17.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 17, 190) }
```

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

```
.background{ background-color: rgb(17, 17,  
190) }
```

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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