Converting Colors

YUV(36.1220, 65.5089, -11.5080)

Have a look what the booklet for YUV(36.1220, 65.5089, -11.5080) contains.

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Color

YUV(36.1220, 65.5089, -11.5080)

Conversions

Conversions Part 1

Format	Color
Hex	1711A9
RGB	23, 17, 169
RGB Percent	9%, 7%, 66%
CMY	0.9098, 0.9333, 0.3373
CMYK	0.86, 0.90, 0.00, 0.34
HSL	242°, 82%, 36%
HSV	242°, 90%, 66%
XYZ	7.7152, 3.4476, 37.7949
YIQ	36.1220, -45.2160, 48.5440

Conversions

Conversions Part 2

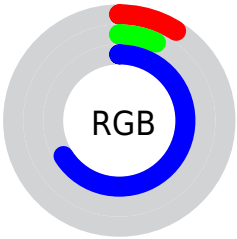
Format	Color
RYB	23, 17, 169
Decimal	1511849
CIELab	21.75, 53.76, -75.46
CIELCh	22, 92.654, 305.465
Yxy	3.4476, 0.1576, 0.0704
Android (android.graphics.Color)	4279701929 (0xFF1711A9)
YUV	36.1220, 65.5089, -11.5080
Hunter-Lab	18.5678, 41.6761, -107.6880

Details

The YUV color 36.1220, 65.5089, -11.5080 is a dark color, and the websafe version is hex 000099. A complement of this color would be 149.8780, -65.5089, 11.5080, and the grayscale version is 36.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 95.8790, 64.1497, 4.4911, and 13.1100, 50.2318, -11.4975 is the 20% darker color. If you saturate the color by 10%, you get 21.3590, 72.7870, -12.5928, and if you desaturate by 10%, it is 50.8850, 58.2307, -10.4231.

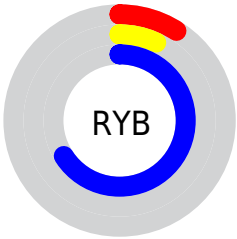
Distribution



Red (9%)

Green (7%)

Blue (66%)



Red (9%)

Yellow (7%)

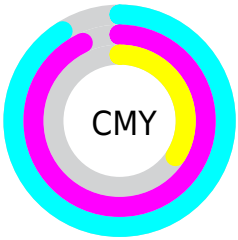
Blue (66%)

Cyan (86%)

Magenta (90%)

Yellow (0%)

Black (34%)



Cyan (91%)

Magenta (93%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1220, 65.5089, -11.5080 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 36.1220, 65.5089, -11.5080 by changing the saturation by 10% instead.

36.1220, 65.5089, -11.5080

36.1220, 65.5089, -11.5080

255.0000, 0.0000, 0.0000

16.1880, 62.0253, -14.1969

95.8790, 64.1497, 4.4911

13.1100, 50.2318, -11.4975

123.1290, 65.0124, 7.7799

10.2600, 39.3118, -8.9980

147.3610, 53.0660, 12.8384

11.5190, 26.3661, -10.1022

171.5930, 41.1197, 17.8969

6.5490, 17.4773, -5.7435

196.7110, 28.7365, 23.0555

2.8670, 8.4466, -2.5144

222.4160, 16.0639,

0.0000, 0.0000,

27.6992

0.0000

239.7380, 7.5242, 13.3848

36.1220, 65.5089, -11.5080

36.1220, 65.5089, -11.5080

21.3590, 72.7870, -12.5928

50.8850, 58.2307, -10.4231

65.6480, 50.9525, -9.3383

80.7100, 43.5270, -7.6387

95.4730, 36.2488, -6.5538

110.2360, 28.9707, -5.4690

124.4120, 21.9819, -3.8693

139.4740, 14.5563, -2.1697

154.2370, 7.2782, -1.0848

169.0000, 0.0000, 0.0000

Harmonies

Analogous

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

59.4390, 67.8176, -52.1280

36.1220, 65.5089, -11.5080

53.0190, 28.5846, 71.8973

Triad

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

36.1220, 65.5089, -11.5080

40.7980, -20.1134, 58.0592

50.1470, 6.8295, -43.9789

Complementary

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

36.1220, 65.5089, -11.5080

149.8780, -65.5089, 11.5080

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

36.1220, 65.5089, -11.5080

48.4310, -23.8765, 4.8840

Square

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

36.1220, 65.5089, -11.5080

43.0560, -21.2266, 88.5279

38.7420, -19.0998, -33.9767

59.1870, 36.3898, -51.9070

Rectangle

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

36.1220, 65.5089, -11.5080

54.1680, 5.8332, 89.3067

38.7420, -19.0998, -33.9767

46.7100, -3.8010, -40.9647

Sweetspot

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

36.1220, 65.5089, -11.5080

167.3240, 25.4763, -4.6691

120.6170, 23.8528, -90.8721

79.2890, 15.1405, -2.8845

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.

36.1220, 65.5089, -11.5080

27.6570, 94.3321, -16.3622

58.5470, 54.4533, 34.6003

76.9120, 3.4944, -0.7998

18.6660, 63.7617, -11.1081

2.5790, 8.5886, -1.3848

Inverse Universe

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

79.0920, 41.3666, 78.8493

89.5350, 59.8822, 113.5408

127.4530, -54.4533, -34.6003

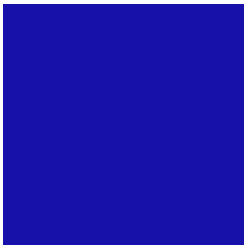
79.3040, 2.3151, 4.1184

60.4400, 40.2091, 76.7901

8.2600, 5.7878, 10.2960

Previews

White Background

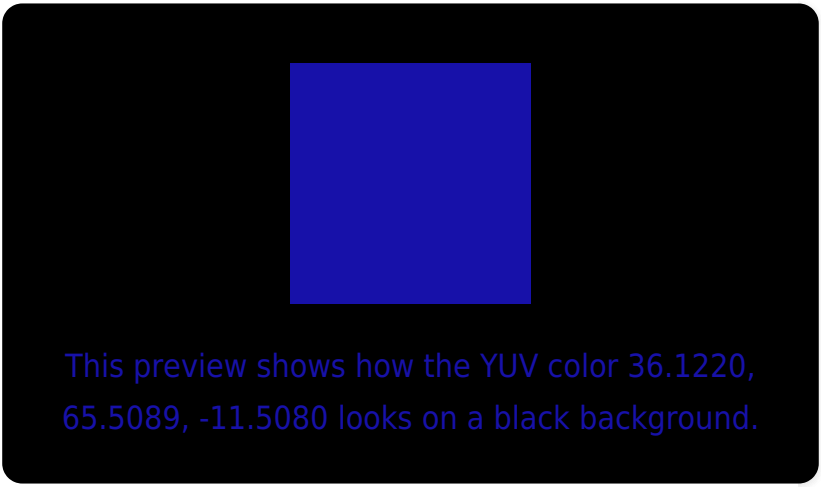


This preview shows how the YUV color 36.1220, 65.5089, -11.5080 looks on a white background.

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

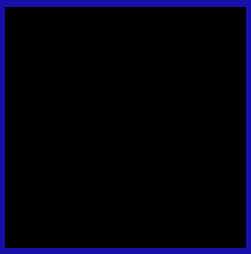


Color Contrast Check

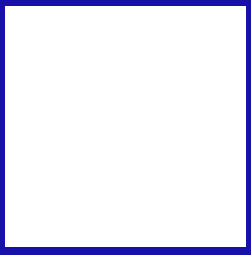
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 36.1220, 65.5089, -11.5080 Background



This preview shows how black text looks on a background with the YUV color 36.1220, 65.5089, -11.5080.



This preview shows how white text looks on a background with the YUV color 36.1220, 65.5089,

-11.5080.

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
36.1220, 65.5089, -11.5080

Protanopia
42.8360, 32.1259, -37.5672

Deuteranopia
42.7730, 24.2689, -37.5119

Tritanopia
41.7010, 10.0074, -36.5718

Trichromacy

Original Color
36.1220, 65.5089, -11.5080

Protanomaly
40.1050, 44.3182, -28.1561

Deuteranomaly
40.1390, 39.3715, -28.1859

Tritanomaly
39.7340, 30.2041, -27.8307

Monochromacy

Original Color
36.1220, 65.5089, -11.5080

Achromatopsia
36.0000, 0.0000, 0.0000

Achromatomaly
35.8680, 23.7291, -4.2692

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1220, 65.5089, -11.5080 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(23, 17, 169) looks like.

```
.text, #text, p{
    color:rgb(23, 17, 169)
}
```

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(23, 17, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 17, 169) }
```

Border

The CSS property to change the border of an element to YUV 36.1220, 65.5089, -11.5080 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(23, 17, 169) }
```

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

```
.border{ border-color:rgb(23, 17, 169) }
```

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

Here you see how a box with a 4 pixel rgb(23, 17, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(23, 17, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(23, 17, 169); box-shadow:4px 4px 4px 4px rgb(23, 17, 169) }
```

Background

The CSS property to change the background color of an element to YUV 36.1220, 65.5089, -11.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(23, 17, 169) }
```

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

```
.background{ background-color:rgb(23, 17,
169) }
```

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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