

Converting Colors

YUV(36.0720, -12.3605,
44.6639)

Have a look what the booklet for
YUV(36.0720, -12.3605, 44.6639)
contains.

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Color

**YUV(36.0720, -12.3605,
44.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	570F0B
RGB	87, 15, 11
RGB Percent	34%, 6%, 4%
CMY	0.6588, 0.9412, 0.9569
CMYK	0.00, 0.83, 0.87, 0.66
HSL	3°, 78%, 19%
HSV	3°, 87%, 34%
XYZ	4.1617, 2.3920, 0.5590
YIQ	36.0720, 44.1960, 14.0200

Conversions

Conversions Part 2

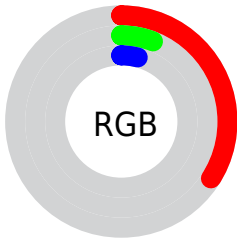
Format	Color
R_{YB}	87, 15, 11
Decimal	5705483
CIE _{Lab}	17.42, 32.17, 22.04
CIE _{LCh}	17, 38.994, 34.425
Yxy	2.3920, 0.5851, 0.3363
Android (android.graphics.Color)	4283895563 (0xFF570F0B)
YUV	36.0720, -12.3605, 44.6639
Hunter-Lab	15.4662, 20.9655, 8.6835

Details

The YUV color **36.0720, -12.3605, 44.6639** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **61.9280, 12.3605, -44.6639**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.1820, -15.8657, 48.9524**, and **10.5790, -4.7224, 21.4172** is the 20% darker color. If you saturate the color by 10%, you get **30.3500, -13.9766, 49.6820**, and if you desaturate by 10%, it is **41.7940, -10.7444, 39.6457**.

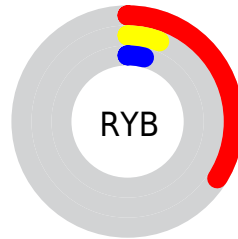
Distribution



Red (34%)

Green (6%)

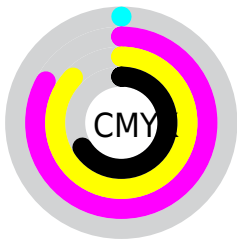
Blue (4%)



Red (34%)

Yellow (6%)

Blue (4%)

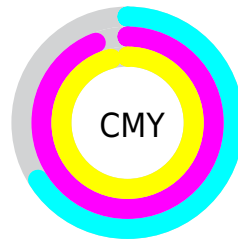


Cyan (0%)

Magenta (83%)

Yellow (87%)

Black (66%)



Cyan (66%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0720, -12.3605, 44.6639 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 36.0720, -12.3605, 44.6639 by changing the saturation by 10% instead.

■ 36.0720, -12.3605,
44.6639

■ 36.0720, -12.3605,
44.6639

■ 250.9590, -7.8678,
3.5440

■ 17.9400, -8.8444,
36.8866

■ 86.1820, -15.8657,
48.9524

■ 10.5790, -4.7224,
21.4172

■ 112.1500,
-17.3289, 51.6115

■ 0.0000, 0.0000,
0.0000

■ 138.8190,
-18.6448, 53.6557


■ 165.6020,
-19.5238, 55.6000


■ 192.1890,
-19.8132, 55.0852


■ 211.1160,


-15.8332, 38.4863


 230.7440,
-11.7058, 21.2725


 36.0720, -12.3605,
44.6639


 36.0720, -12.3605,
44.6639


 30.3500, -13.9766,
49.6820


 41.7940, -10.7444,
39.6457

 28.9480, -14.2714,
50.9116

 47.4020, -9.5652,
34.7274

 53.7110, -8.2385,
29.1945

 59.4330, -6.6225,
24.1763

 65.1550, -5.0064,
19.1581

■ 70.7630, -3.8272,
14.2398

■ 77.0720, -2.5005,
8.7069

■ 82.7940, -0.8844,
3.6887

■ 88.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



32.6440, 3.6265, 50.3012



36.0720, -12.3605, 44.6639



40.6110, -20.0212, 28.4052

Triad

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



36.0720, -12.3605, 44.6639



33.0490, -7.9122, -28.9840



37.7010, 30.2204, -33.0638

Complementary

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



36.0720, -12.3605, 44.6639



61.9280, 12.3605, -44.6639

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.



41.2400, 26.0107, -36.1675



36.0720, -12.3605, 44.6639



37.5290, 4.1762, -32.9129

Square

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



36.0720, -12.3605, 44.6639



35.9280, -17.7125, -12.2149



40.1340, 16.6959, -35.1975



43.3850, 22.9812, 2.2934

Rectangle

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



36.0720, -12.3605, 44.6639



40.8220, -20.1252, 15.0651



40.1340, 16.6959, -35.1975



39.4620, 29.3522, -34.6082

Sweetspot

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



36.0720, -12.3605, 44.6639



92.8450, -4.8536, 16.7989



41.9320, 20.2465, 39.5246



44.6700, -2.7953, 9.9364



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



36.0720, -12.3605, 44.6639



37.0100, -18.2459, 65.7662



58.3780, -23.3574, 25.1015



40.1960, -0.5896, 2.4591



35.5150, -17.5089, 62.6923



77.3090, -38.1133, 138.2950

Inverse Universe

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



61.9280, 12.3605, -44.6639



74.9900, 18.2459, -65.7662



39.6220, 23.3574, -25.1015



41.8040, 0.5896, -2.4591



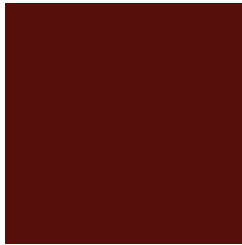
71.4850, 17.5089, -62.6923



157.1040, 38.4027, -137.7802

Previews

White Background



This preview shows how the YUV color 36.0720, -12.3605, 44.6639 looks on a white background.

Color Contrast Check

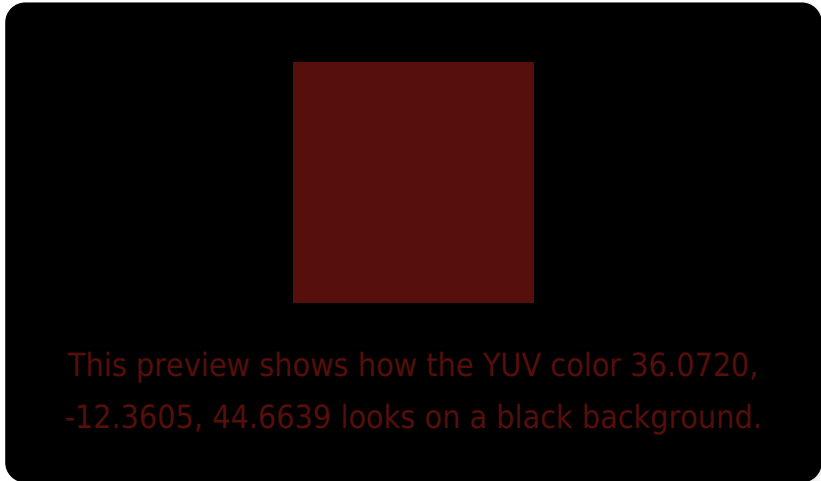
Large Text (above 18pt) WCAG AA ✓ Pass

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

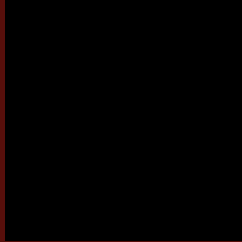
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0720, -12.3605, 44.6639

Background



This preview shows how black text looks on a background with the YUV color 36.0720, -12.3605, 44.6639.

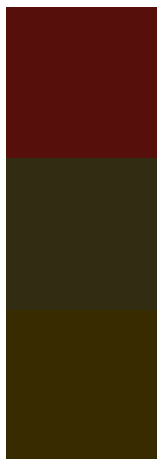


This preview shows how white text looks on a background with the YUV color 36.0720, -12.3605,

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

36.0720, -12.3605, 44.6639

Protanopia

43.4170, -12.5306, 5.7733

Deuteranopia

42.2840, -20.8460, 12.9059



Tritanopia

36.4140, -11.0501, 44.3639

Trichromacy



Original Color

36.0720, -12.3605, 44.6639

Protanomaly

40.5050, -12.5740, 19.7281

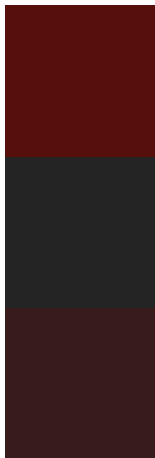
Deuteranomaly

40.1590, -17.8264, 24.4166

Tritanomaly

36.3000, -11.4869, 44.4639

Monochromacy



Original Color

36.0720, -12.3605, 44.6639

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9590, -4.4168, 16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0720, -12.3605, 44.6639 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(87, 15, 11)` looks like.

```
.text, #text, p{  
    color:rgb(87, 15, 11)  
}
```

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(87, 15, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 15, 11) }
```

Border

The CSS property to change the border of an element to YUV 36.0720, -12.3605, 44.6639 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(87, 15, 11) }
```


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

```
.border{ border-color:rgb(87, 15, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 15, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 15, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 15, 11);  
box-shadow:4px 4px 4px 4px rgb(87, 15, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.0720, -12.3605, 44.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 15, 11) }
```

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

```
.background{ background-color: rgb(87, 15,  
11) }
```

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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