

Converting Colors

YUV(36.3620, 7.7095, 0.5595)

Have a look what the booklet for
YUV(36.3620, 7.7095, 0.5595)
contains.

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Color

**YUV(36.3620, 7.7095,
0.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	252134
RGB	37, 33, 52
RGB Percent	15%, 13%, 20%
CMY	0.8549, 0.8706, 0.7961
CMYK	0.29, 0.37, 0.00, 0.80
HSL	253°, 22%, 17%
HSV	253°, 37%, 20%
XYZ	1.9266, 1.7290, 3.4810
YIQ	36.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

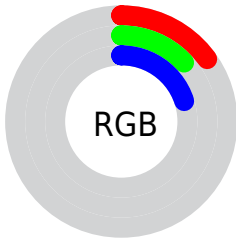
Format	Color
RYB	37, 33, 52
Decimal	2433332
CIELab	14.00, 7.04, -11.76
CIELCh	14, 13.706, 300.905
Yxy	1.7290, 0.2700, 0.2423
Android (android.graphics.Color)	4280623412 (0xFF252134)
YUV	36.3620, 7.7095, 0.5595
Hunter-Lab	13.1490, 3.1437, -6.4918

Details

The YUV color **36.3620, 7.7095, 0.5595** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.6380, -7.7095, -0.5595**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.0030, 8.8725, 0.8744**, and **0.3420, 1.3104, -0.2999** is the 20% darker color. If you saturate the color by 10%, you get **32.2310, 9.7461, 0.6744**, and if you desaturate by 10%, it is **40.4930, 5.6730, 0.4446**.

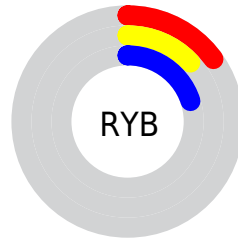
Distribution



 Red (15%)

 Green (13%)

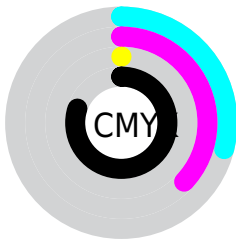
 Blue (20%)




 Red (15%)

 Yellow (13%)

 Blue (20%)

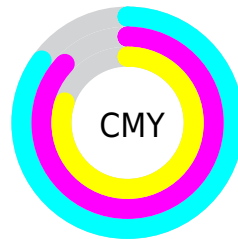


 Cyan (29%)

 Magenta (37%)

 Yellow (0%)

 Black (80%)



 Cyan (85%)

 Magenta (87%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.3620, 7.7095, 0.5595 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 36.3620, 7.7095, 0.5595 by changing the saturation by 10% instead.

■ 36.3620, 7.7095,
0.5595

■ 36.3620, 7.7095,
0.5595

■ 255.0000, 0.0000,
0.0000

■ 14.4870, 8.1409,
2.2039

■ 81.0030, 8.8725,
0.8744

■ 0.3420, 1.3104,
-0.2999

■ 105.0030, 8.8725,
0.8744

■ 0.0000, 0.0000,
0.0000

■ 130.4160, 9.1619,
1.3892

■ 156.5300, 9.5987,
1.2892

■ 183.5300, 9.5987,
1.2892

■ 211.0570, 10.3249,

1.7040

■ 238.4870, 8.1409,
2.2039

■ 36.3620, 7.7095,
0.5595

■ 36.3620, 7.7095,
0.5595

■ 32.2310, 9.7461,
0.6744

■ 40.4930, 5.6730,
0.4446

■ 28.1000, 11.7827,
0.7893

■ 44.6240, 3.6364,
0.3298

■ 23.3820, 14.1087,
1.4190

■ 49.3420, 1.3104,
-0.2999

■ 19.2510, 16.1453,
1.5339

■ 53.4730, -0.7262,
-0.4148

■ 14.8210, 18.3292,
1.0340

■ 57.9030, -2.9102,
0.0851

■ 10.6900, 20.3658,
1.1489

■ 62.0340, -4.9468,
-0.0298

■ 9.2170, 21.0920,
1.5637

■ 66.1650, -6.9833,
-0.1447

■ 70.8830, -9.3093,
-0.7744

■ 75.0140, -11.3459,
-0.8893

Harmonies

Analogous

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



33.9800, 10.3629, -10.5065



36.3620, 7.7095, 0.5595



37.0920, 3.8986, 9.5663

Triad

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



36.3620, 7.7095, 0.5595



35.6010, -8.1843, 11.7509



29.9650, 2.9753, -21.0173

Complementary

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



36.3620, 7.7095, 0.5595



48.6380, -7.7095, -0.5595

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.



32.4240, -3.1670, -10.8958



36.3620, 7.7095, 0.5595



34.9270, -9.3310, 6.2030

Square

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



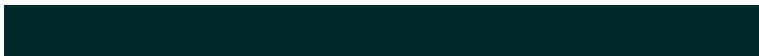
36.3620, 7.7095, 0.5595



36.1330, -4.9956, 15.6694



34.0400, -7.4147, -1.7891



28.6100, 8.0803, -25.0910

Rectangle

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



36.3620, 7.7095, 0.5595



36.4300, 1.2670, 13.6549



34.0400, -7.4147, -1.7891



30.4170, 0.7804, -17.0287

Sweetspot

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



36.3620, 7.7095, 0.5595



62.5100, 3.1996, 0.4297



43.9710, 3.9583, -9.6216



31.8690, 2.0366, 0.1149



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



36.3620, 7.7095, 0.5595



44.2140, 12.2195, 0.6893



39.0530, 6.3829, 6.0925



23.3420, 1.3104, -0.2999



15.8270, 36.0743, 2.7827



38.4920, 88.0044, 6.5845

Inverse Universe

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



40.3910, 3.7512, 10.1811



50.5920, 5.6241, 16.1438



45.9470, -6.3829, -6.0925



24.1250, 0.4314, 1.6444



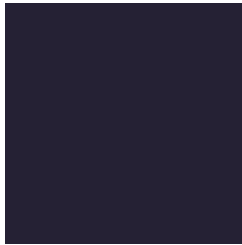
34.5910, 17.4566, 47.7167



84.3770, 42.7051, 116.3104

Previews

White Background



This preview shows how the YUV color 36.3620, 7.7095, 0.5595 looks on a white background.

Color Contrast Check

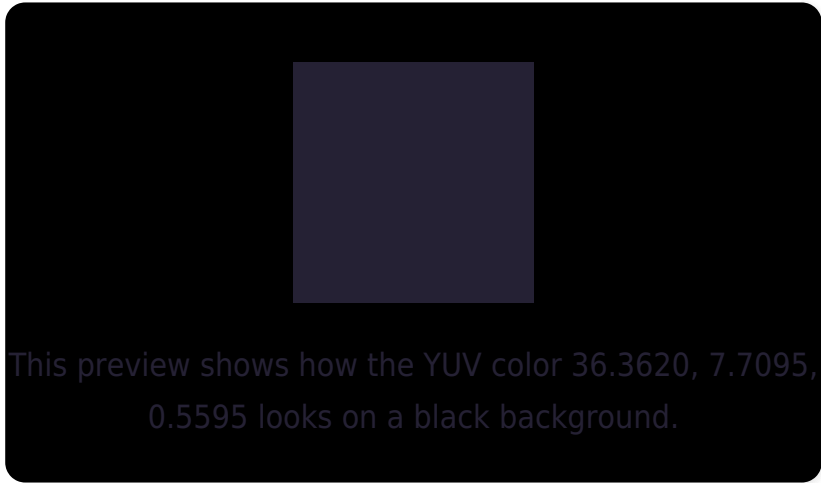
Large Text (above 18pt) WCAG AA ✓ Pass

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

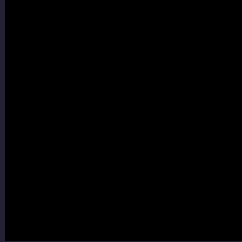
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.3620, 7.7095, 0.5595

Background



This preview shows how black text looks on a background with the YUV color 36.3620, 7.7095, 0.5595.



This preview shows how white text looks on a background with the YUV color 36.3620, 7.7095,

0.5595.

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

36.3620, 7.7095, 0.5595

Protanopia

35.3720, 9.1836, -5.5882

Deuteranopia

35.1440, 8.3100, -5.3883



Tritanopia

35.7440, 1.6052, -1.5295

Trichromacy



Original Color

36.3620, 7.7095, 0.5595

Protanomaly

35.5680, 8.5940, -3.1291

Deuteranomaly

35.4540, 8.1572, -3.0292

Tritanomaly

36.0260, 3.9312, -0.8998

Monochromacy



Original Color

36.3620, 7.7095, 0.5595

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.3620, 7.7095, 0.5595 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(37, 33, 52)` looks like.

```
.text, #text, p{  
    color:rgb(37, 33, 52)  
}
```

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(37, 33, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 33, 52) }
```

Border

The CSS property to change the border of an element to YUV 36.3620, 7.7095, 0.5595 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(37, 33, 52) }
```


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

```
.border{ border-color:rgb(37, 33, 52) }
```

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

Here you see how a box with a 4 pixel rgb(37, 33, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 33, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 33, 52);  
box-shadow:4px 4px 4px 4px rgb(37, 33, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.3620, 7.7095, 0.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 33, 52) }
```

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

```
.background{ background-color: rgb(37, 33,  
52) }
```

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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