

Converting Colors

YUV(32.6720, 7.5567, 2.9187)

Have a look what the booklet for
YUV(32.6720, 7.5567, 2.9187)
contains.

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Color

**YUV(32.6720, 7.5567,
2.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	241C30
RGB	36, 28, 48
RGB Percent	14%, 11%, 19%
CMY	0.8588, 0.8902, 0.8118
CMYK	0.25, 0.42, 0.00, 0.81
HSL	264°, 26%, 15%
HSV	264°, 42%, 19%
XYZ	1.6763, 1.4190, 2.9818
YIQ	32.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

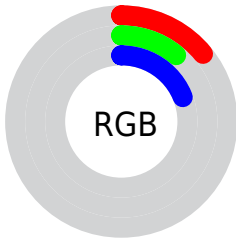
Format	Color
R_{YB}	36, 28, 48
Decimal	2366512
CIE Lab	12.08, 9.10, -11.86
CIE LCh	12, 14.953, 307.488
Yxy	1.4190, 0.2758, 0.2335
Android (android.graphics.Color)	4280556592 (0xFF241C30)
YUV	32.6720, 7.5567, 2.9187
Hunter-Lab	11.9121, 4.2730, -6.5031

Details

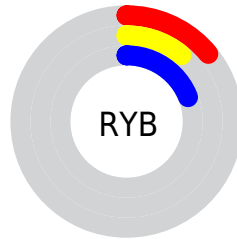
The YUV color **32.6720, 7.5567, 2.9187** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.3280, -7.5567, -2.9187**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6120, 8.5723, 3.8483**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.8400, 9.4459, 3.6483**, and if you desaturate by 10%, it is **36.5040, 5.6675, 2.1890**.

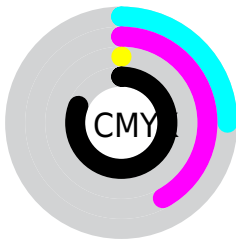
Distribution



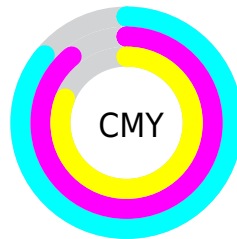
- Red (14%)
- Green (11%)
- Blue (19%)



- Red (14%)
- Yellow (11%)
- Blue (19%)



- Cyan (25%)
- Magenta (42%)
- Yellow (0%)
- Black (81%)



- Cyan (86%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.6720, 7.5567, 2.9187 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 32.6720, 7.5567, 2.9187 by changing the saturation by 10% instead.

■ 32.6720, 7.5567,
2.9187

■ 32.6720, 7.5567,
2.9187

■ 255.0000, 0.0000,
0.0000

■ 9.0360, 8.8563,
6.1074

■ 76.6120, 8.5723,
3.8483

■ 0.0000, 0.0000,
0.0000

■ 100.7260, 9.0091,
3.7483

■ 126.1390, 9.2985,
4.2631

■ 152.1390, 9.2985,
4.2631

■ 178.5520, 9.5879,
4.7779

■ 205.6660, 10.0247,

4.6779

■ 234.0790, 10.3141,
5.1927

■ 32.6720, 7.5567,
2.9187

■ 32.6720, 7.5567,
2.9187

■ 28.8400, 9.4459,
3.6483

■ 36.5040, 5.6675,
2.1890

■ 25.0080, 11.3351,
4.3780

■ 40.3360, 3.7784,
1.4593

■ 21.7630, 12.9348,
4.5928

■ 43.5810, 2.1786,
1.2445

■ 17.9310, 14.8240,
5.3225

■ 47.4130, 0.2894,
0.5148

■ 14.3980, 16.5658,
6.6670

■ 50.9460, -1.4524,
-0.8296

■ 11.1530, 18.1656,
6.8818

■ 54.7780, -3.3416,
-1.5593

■ 58.6100, -5.2307,
-2.2890

■ 61.8550, -6.8305,
-2.5038

■ 65.6870, -8.7197,
-3.2335

Harmonies

Analogous

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



30.6920, 10.5048, -9.3769



32.6720, 7.5567, 2.9187



32.9890, 3.4564, 11.4106

Triad

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



32.6720, 7.5567, 2.9187



31.0310, -10.3683, 12.2508



25.5950, 4.1437, -22.4468

Complementary

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



32.6720, 7.5567, 2.9187



43.3280, -7.5567, -2.9187

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.



27.0430, -1.9932, -14.0697



32.6720, 7.5567, 2.9187



30.3460, -11.5096, 4.9586

Square

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



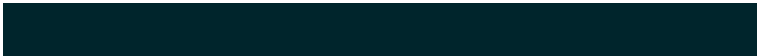
32.6720, 7.5567, 2.9187



31.9050, -5.8692, 15.8693



29.6160, -7.6987, -4.0482



26.7350, 8.5116, -23.4466

Rectangle

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



32.6720, 7.5567, 2.9187



32.2130, 0.3880, 15.5992



29.6160, -7.6987, -4.0482



25.4380, 2.2491, -21.4321

Sweetspot

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



32.6720, 7.5567, 2.9187



54.8090, 3.0522, 1.0445



37.3240, 5.2633, -8.1771



27.1680, 1.8892, 0.7297



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



32.6720, 7.5567, 2.9187



38.0080, 11.3351, 4.3780



35.6620, 6.0826, 9.0664



21.5270, 0.7262, 0.4148



20.3830, 32.8422, 12.8191



50.1100, 80.7978, 31.4755

Inverse Universe

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



35.3480, 2.2934, 11.0958



42.0220, 3.4402, 16.6437



40.3380, -6.0826, -9.0664



21.7120, 0.1420, 1.1296



31.9410, 9.8891, 48.2867



78.6920, 24.8018, 118.6651

Previews

White Background



This preview shows how the YUV color 32.6720, 7.5567, 2.9187 looks on a white background.

Color Contrast Check

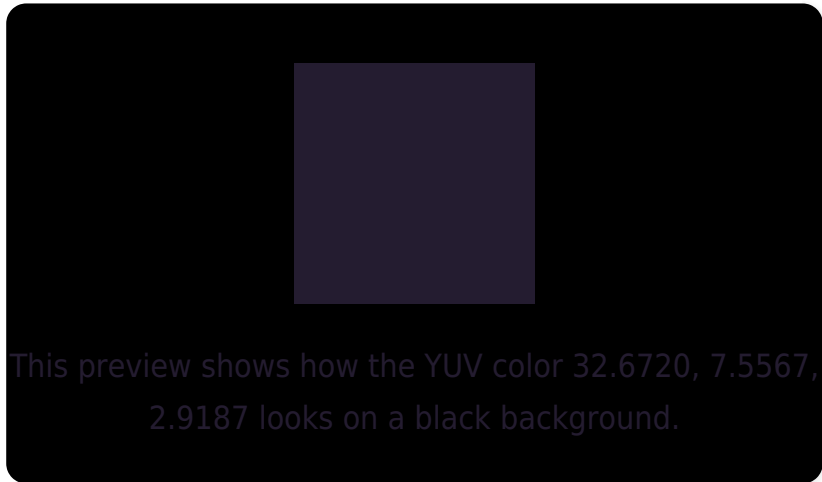
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6720, 7.5567, 2.9187

Background



This preview shows how black text looks on a background with the YUV color 32.6720, 7.5567, 2.9187.



This preview shows how white text looks on a background with the YUV color 32.6720, 7.5567,

2.9187.

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

32.6720, 7.5567, 2.9187

Protanopia

31.1870, 9.7678, -6.3030

Deuteranopia

31.6170, 7.5838, -5.8031



Tritanopia

31.9400, 1.0156, 0.9296

Trichromacy



Original Color

32.6720, 7.5567, 2.9187

Protanomaly

31.6820, 9.0308, -3.2291

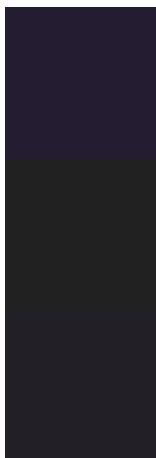
Deuteranomaly

32.2260, 7.2836, -2.8292

Tritanomaly

32.2220, 3.3416, 1.5593

Monochromacy



Original Color

32.6720, 7.5567, 2.9187

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.6950, 2.6154, 1.1445

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.6720, 7.5567, 2.9187 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(36, 28, 48)` looks like.

```
.text, #text, p{  
    color:rgb(36, 28, 48)  
}
```

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(36, 28, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 28, 48) }
```

Border

The CSS property to change the border of an element to YUV 32.6720, 7.5567, 2.9187 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(36, 28, 48) }
```


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

```
.border{ border-color:rgb(36, 28, 48) }
```

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

Here you see how a box with a 4 pixel rgb(36, 28, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 28, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 28, 48);  
box-shadow:4px 4px 4px 4px rgb(36, 28, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 32.6720, 7.5567, 2.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 28, 48) }
```

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

```
.background{ background-color: rgb(36, 28,  
48) }
```

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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