

Converting Colors

YUV(241.7720, -0.8736, 0.2000)

Have a look what the booklet for
YUV(241.7720, -0.8736, 0.2000)
contains.

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Color

**YUV(241.7720, -0.8736,
0.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F2F0
RGB	242, 242, 240
RGB Percent	95%, 95%, 94%
CMY	0.0510, 0.0510, 0.0588
CMYK	0.00, 0.00, 0.01, 0.05
HSL	60°, 7%, 95%
HSV	60°, 1%, 95%
XYZ	84.0983, 88.6728, 95.1212
YIQ	241.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

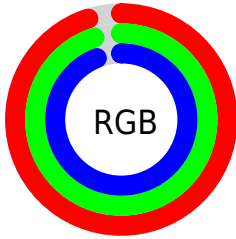
Format	Color
R _Y B	240, 242, 240
Decimal	15921904
CIE Lab	95.44, -0.35, 0.95
CIE LCh	95, 1.014, 110.026
Yxy	88.6728, 0.3139, 0.3310
Android (android.graphics.Color)	4294111984 (0xFF F2 F0)
YUV	241.7720, -0.8736, 0.2000
Hunter-Lab	94.1662, -5.3756, 6.0251

Details

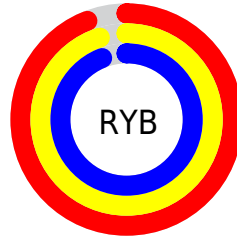
The YUV color $241.7720, -0.8736, 0.2000$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.2280, 0.8736, -0.2000$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.7720, -0.8736, 0.2000$ is the 20% darker color. If you saturate the color by 10%, you get $239.0360, -11.3567, 2.5994$, and if you desaturate by 10%, it is $243.4820, 5.6784, -1.2997$.

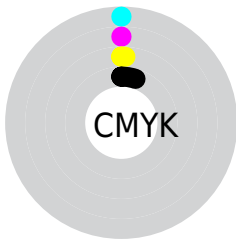
Distribution



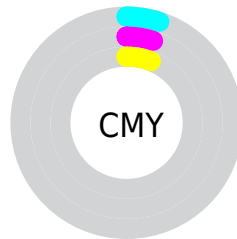
- Red (95%)
- Green (95%)
- Blue (94%)



- Red (94%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.7720, -0.8736, 0.2000 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 241.7720, -0.8736, 0.2000 by changing the saturation by 10% instead.

■ 241.7720, -0.8736,
0.2000

■ 241.7720, -0.8736,
0.2000

255.0000, 0.0000,
0.0000

■ 213.7720, -0.8736,
0.2000

■ 185.7720, -0.8736,
0.2000

■ 158.7720, -0.8736,
0.2000

■ 132.7720, -0.8736,
0.2000

■ 107.7720, -0.8736,
0.2000

■ 82.8860, -0.4368,
0.1000

■ 59.8860, -0.4368,

0.1000

■ 38.7720, -0.8736,
0.2000

■ 17.7720, -0.8736,
0.2000

■ 241.7720, -0.8736,
0.2000

■ 241.7720, -0.8736,
0.2000

■ 239.0360,
-11.3567, 2.5994

■ 243.4820, 5.6784,
-1.2997

■ 236.3000,
-21.8399, 4.9989

■ 233.4500,
-32.7599, 7.4983

■ 230.7140,
-43.2430, 9.8978

■ 227.9780,
-53.7262, 12.2973

■ 225.2420,
-64.2093, 14.6968

■ 222.5060,
-74.6925, 17.0962

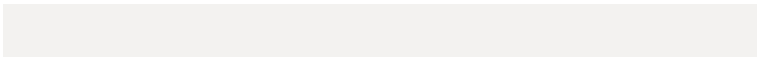
■ 219.6560,
-85.6124, 19.5957

■ 216.9200,
-96.0956, 21.9952

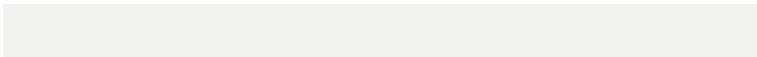
Harmonies

Analogous

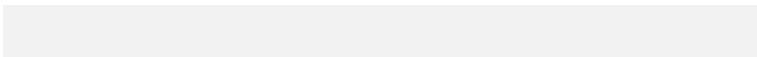
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.0710, -1.0210, 0.8147



241.7720, -0.8736, 0.2000



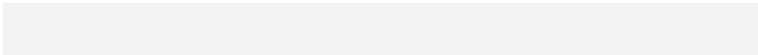
241.5870, -0.2894, -0.5148

Triad

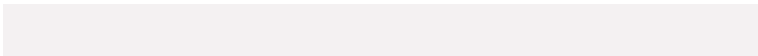
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.7720, -0.8736, 0.2000



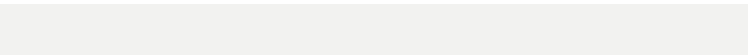
241.5160, 0.7316, -1.3295



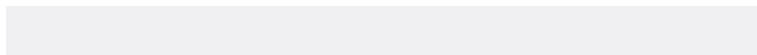
242.0110, -0.0054, 1.7444

Complementary

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



241.7720, -0.8736, 0.2000



240.2280, 0.8736, -0.2000

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.



241.8260, 0.5788, 1.0296



241.7720, -0.8736, 0.2000



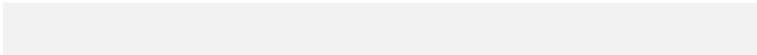
241.9290, 1.0210, -0.8147

Square

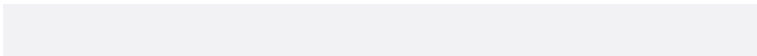
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



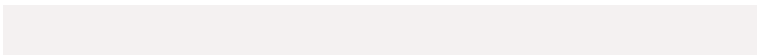
241.7720, -0.8736, 0.2000



241.4020, 0.2948, -1.2296



242.2280, 0.8736, -0.2000



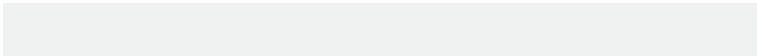
241.8970, -0.4422, 1.8443

Rectangle

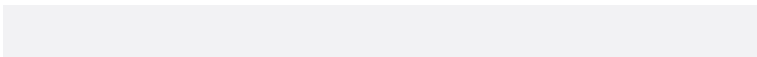
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



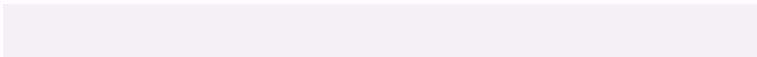
241.7720, -0.8736, 0.2000



241.2880, -0.1420, -1.1296



242.2280, 0.8736, -0.2000



241.8260, 0.5788, 1.0296

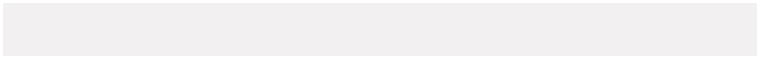
Sweetspot

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



241.7720, -0.8736, 0.2000

255.0000, 0.0000, 0.0000



240.5980, -0.2948, 1.2296



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



241.7720, -0.8736, 0.2000



254.6580, -1.3104, 0.2999



241.4730, -0.7262, -0.4148



119.8860, -0.4368, 0.1000



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



240.2280, 0.8736, -0.2000



252.3420, 1.3104, -0.2999



240.5270, 0.7262, 0.4148



119.1140, 0.4368, -0.1000



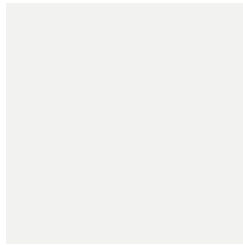
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 241.7720, -0.8736, 0.2000 looks on a white background.

Color Contrast Check

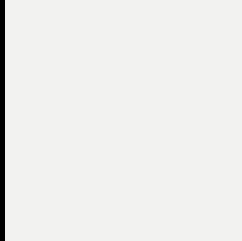
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 241.7720, -0.8736, 0.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

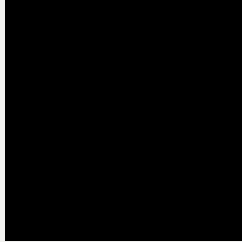
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

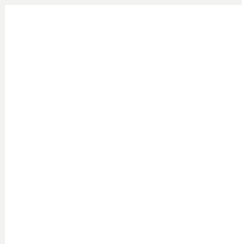
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.7720, -0.8736, 0.2000

Background



This preview shows how black text looks on a background with the YUV color 241.7720, -0.8736, 0.2000.



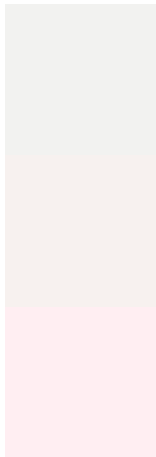
This preview shows how white text looks on a background with the YUV color 241.7720, -0.8736,

0.2000.

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

241.7720, -0.8736, 0.2000

Protanopia

242.5660, -1.7580, 3.8886

Deuteranopia

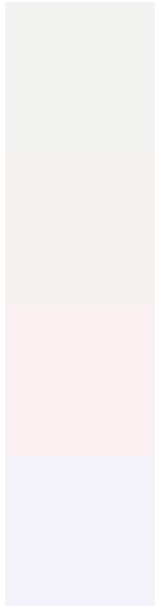
243.5390, -0.7587, 10.0513



Tritanopia

242.9060, 5.9623, 0.9594

Trichromacy



Original Color

241.7720, -0.8736, 0.2000

Protanomaly

241.9680, -1.4632, 2.6591

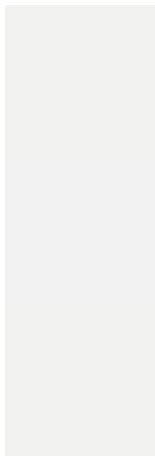
Deuteranomaly

242.5170, -0.7479, 6.5626

Tritanomaly

242.6240, 3.6364, 0.3298

Monochromacy



Original Color

241.7720, -0.8736, 0.2000

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.7720, -0.8736, 0.2000 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(242, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 240)  
}
```

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(242, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 240) }
```

Border

The CSS property to change the border of an element to YUV 241.7720, -0.8736, 0.2000 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(242, 242, 240) }
```

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

```
.border{ border-color:rgb(242, 242, 240) }
```

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

Here you see how a box with a 4 pixel rgb(242, 242, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
240) }
```


Background

The CSS property to change the background color of an element to YUV 241.7720, -0.8736, 0.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 240) }
```

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

```
.background{ background-color: rgb(242,  
242, 240) }
```

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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