

Converting Colors

YUV(192.0780, 1.9335, 33.2576)

Have a look what the booklet for
YUV(192.0780, 1.9335, 33.2576)
contains.

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Color

**YUV(192.0780, 1.9335,
33.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ACC4
RGB	230, 172, 196
RGB Percent	90%, 67%, 77%
CMY	0.0980, 0.3255, 0.2314
CMYK	0.00, 0.25, 0.15, 0.10
HSL	335°, 54%, 79%
HSV	335°, 25%, 90%
XYZ	57.3495, 50.3136, 58.9134
YIQ	192.0780, 26.8640, 19.7600

Conversions

Conversions Part 2

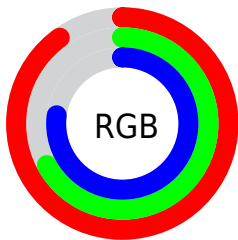
Format	Color
R _Y B	230, 172, 196
Decimal	15117508
CIE Lab	76.26, 24.83, -3.90
CIE LCh	76, 25.133, 351.070
Yxy	50.3136, 0.3443, 0.3020
Android (android.graphics.Color)	4293307588 (0xFFE6ACC4)
YUV	192.0780, 1.9335, 33.2576
Hunter-Lab	70.9321, 20.1884, 0.4085

Details

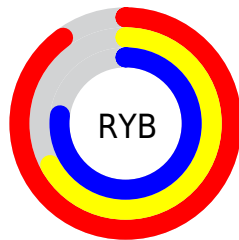
The YUV color $192.0780, 1.9335, 33.2576$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $209.9220, -1.9335, -33.2576$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.9230, 6.9400, 14.0995$, and $138.0670, 1.9390, 31.5132$ is the 20% darker color. If you saturate the color by 10%, you get $177.0950, 2.9112, 46.3977$, and if you desaturate by 10%, it is $207.0610, 0.9559, 20.1175$.

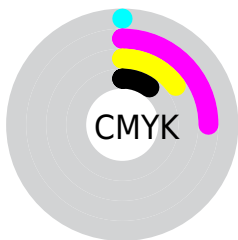
Distribution



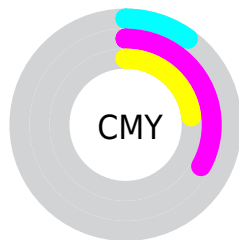
- Red (90%)
- Green (67%)
- Blue (77%)



- Red (90%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.0780, 1.9335, 33.2576 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 192.0780, 1.9335, 33.2576 by changing the saturation by 10% instead.

 192.0780, 1.9335,
33.2576

 192.0780, 1.9335,
33.2576


255.0000, 0.0000,
0.0000

 164.7790, 2.0810,
32.6428


 238.9230, 6.9400,
14.0995

 138.0670, 1.9390,
31.5132

 112.4690, 2.2338,
30.2837

 87.4580, 2.2392,
28.5393

 63.8600, 2.5340,
27.3098

 40.2620, 2.8288,
26.0802

 17.3050, 4.2866,

25.1655

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 192.0780, 1.9335,
33.2576

■ 192.0780, 1.9335,
33.2576

■ 177.0950, 2.9112,
46.3977

■ 207.0610, 0.9559,
20.1175

■ 161.9980, 3.4520,
59.6378

■ 222.1580, 0.4151,
6.8774

■ 147.0150, 4.4296,
72.7778

■ 237.1410, -0.5625,
-6.2627

■ 131.9180, 4.9704,
86.0179

■ 246.9550, 1.5012,
-14.8695

■ 116.9350, 5.9480,
99.1580

■ 247.5250, 3.6852,
-15.3694

■ 101.8380, 6.4889,
112.3981

■ 86.8550, 7.4665,
125.5382

■ 79.6000, 7.5922,
131.9008

Harmonies

Analogous

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



191.7260, 12.4601, 16.9033



192.0780, 1.9335, 33.2576



191.1360, -9.4340, 39.3457

Triad

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



192.0780, 1.9335, 33.2576



185.4460, -19.9399, 2.2399



179.6210, 21.3858, -46.1486

Complementary

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



192.0780, 1.9335, 33.2576



209.9220, -1.9335, -33.2576

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.



177.7210, 12.9555, -48.8673



192.0780, 1.9335, 33.2576



182.6760, -12.1653, -18.1329

Square

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



192.0780, 1.9335, 33.2576



187.6980, -22.0361, 21.3129



179.4700, 0.2613, -37.2462



184.4150, 23.9524, -29.3050

Rectangle

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



192.0780, 1.9335, 33.2576



190.5180, -15.5384, 37.2567



179.4700, 0.2613, -37.2462



178.4420, 19.5021, -48.6226

Sweetspot

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



192.0780, 1.9335, 33.2576



241.8920, 0.5462, 11.4957



188.7780, 20.3224, 15.1037



119.4570, 0.2677, 7.4922



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



192.0780, 1.9335, 33.2576



205.2580, 2.3378, 43.6237



192.2770, -9.9966, 33.0831



107.1580, 0.4151, 6.8774



61.9570, 5.9372, 102.6467



17.6430, 1.6550, 29.2541

Inverse Universe

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



192.0780, 1.9335, 33.2576



205.2580, 2.3378, 43.6237



209.7230, 9.9966, -33.0831



107.1580, 0.4151, 6.8774



61.9570, 5.9372, 102.6467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 192.0780, 1.9335, 33.2576 looks on a white background.

Color Contrast Check

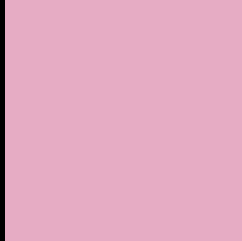
Large Text (above 18pt) WCAG AA × Fail

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 192.0780, 1.9335, 33.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

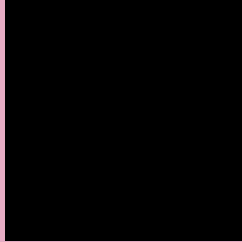
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.0780, 1.9335, 33.2576

Background



This preview shows how black text looks on a background with the YUV color 192.0780, 1.9335, 33.2576.



This preview shows how white text looks on a background with the YUV color 192.0780, 1.9335,

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

192.0780, 1.9335, 33.2576

Protanopia

189.0520, 7.8624, -1.7996

Deuteranopia

190.5330, 1.7092, 11.8106



Tritanopia

191.9270, -2.4290, 32.5130

Trichromacy



Original Color

192.0780, 1.9335, 33.2576

Protanomaly

190.5590, 5.6404, 10.9108

Deuteranomaly

190.9900, 1.9769, 19.3028

Tritanomaly

191.6820, -0.8292, 32.7279

Monochromacy



Original Color

192.0780, 1.9335, 33.2576

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1910, 0.3988, 12.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.0780, 1.9335, 33.2576 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(230, 172, 196)` looks like.

```
.text, #text, p{  
    color:rgb(230, 172, 196)  
}
```

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(230, 172, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 172, 196) }
```

Border

The CSS property to change the border of an element to YUV 192.0780, 1.9335, 33.2576 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(230, 172, 196) }
```


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

```
.border{ border-color:rgb(230, 172, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 172, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 172, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 172, 196);  
box-shadow:4px 4px 4px 4px rgb(230, 172,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 192.0780, 1.9335, 33.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 172, 196) }
```

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

```
.background{ background-color: rgb(230,  
172, 196) }
```

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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