

Converting Colors

YUV(205.0020, 20.7050,
32.4472)

Have a look what the booklet for
YUV(205.0020, 20.7050, 32.4472)
contains.

YUV(205.0020, 20.7050, 32.4472)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(205.0020, 20.7050,
32.4472)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B2F7
RGB	242, 178, 247
RGB Percent	95%, 70%, 97%
CMY	0.0510, 0.3020, 0.0314
CMYK	0.02, 0.28, 0.00, 0.03
HSL	296°, 81%, 83%
HSV	296°, 28%, 97%
XYZ	69.3268, 57.4334, 95.4275
YIQ	205.0020, 15.9950, 35.0270

Conversions

Conversions Part 2

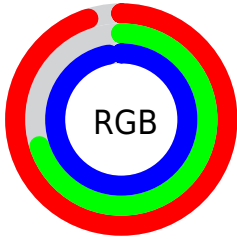
Format	Color
R _Y B	242, 178, 247
Decimal	15905527
CIE Lab	80.42, 34.47, -25.15
CIE LCh	80, 42.667, 323.881
Yxy	57.4334, 0.3120, 0.2585
Android (android.graphics.Color)	4294095607 (0xFFFF2B2F7)
YUV	205.0020, 20.7050, 32.4472
Hunter-Lab	75.7849, 30.6656, -21.6080

Details

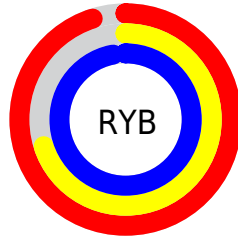
The YUV color $205.0020, 20.7050, 32.4472$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $219.9980, -20.7050, -32.4472$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.6730, 6.0772, 10.8108$, and $149.7630, 19.8368, 30.9028$ is the 20% darker color. If you saturate the color by 10%, you get $189.7290, 28.2346, 44.0877$, and if you desaturate by 10%, it is $220.2750, 13.1754, 20.8068$.

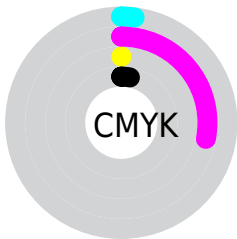
Distribution



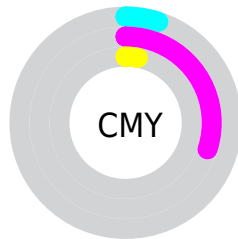
- Red (95%)
- Green (70%)
- Blue (97%)



- Red (95%)
- Yellow (70%)
- Blue (97%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.0020, 20.7050, 32.4472 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 205.0020, 20.7050, 32.4472 by changing the saturation by 10% instead.


 205.0020, 20.7050,
32.4472


 205.0020, 20.7050,
32.4472


255.0000, 0.0000,
0.0000


 177.1760, 20.1262,
31.4176


 242.6730, 6.0772,
10.8108

 149.7630, 19.8368,
30.9028

 123.9370, 19.2581,
29.8733

 98.2250, 19.1161,
28.7437

 73.3990, 18.5373,
27.7141

 48.8010, 18.8321,
26.4845

 23.6270, 19.4109,

27.5141

■ 15.4380, 12.6021,
18.0329

■ 2.7530, 8.0098,
-2.4144

■ 205.0020, 20.7050,
32.4472

■ 205.0020, 20.7050,
32.4472

■ 189.7290, 28.2346,
44.0877

■ 220.2750, 13.1754,
20.8068

■ 175.0430, 35.4748,
55.2133

■ 234.9610, 5.9352,
9.6812

■ 160.0690, 42.8570,
67.4685

■ 249.9350, -1.4470,
-2.5740

■ 144.7960, 50.3866,
79.1089

■ 252.2940, -2.6099,
-2.8888

■ 129.5230, 57.9162,
90.7493

■ 252.8920, -2.9048,
-1.6593

■ 114.8370, 65.1564,
101.8750

■ 253.4900, -3.1996,
-0.4297

■ 99.5640, 72.6859,
113.5154

■ 254.0880, -3.4944,
0.7998

■ 96.6290, 74.1329,
116.0894

Harmonies

Analogous

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



199.1820, 27.5183, -6.2986



205.0020, 20.7050, 32.4472



199.2740, 4.7949, 48.8717

Triad

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



205.0020, 20.7050, 32.4472



197.2250, -38.0719, 31.3747



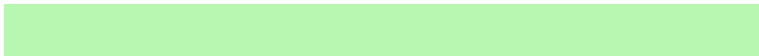
164.6290, 32.2279, -117.1926

Complementary

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



205.0020, 20.7050, 32.4472



219.9980, -20.7050, -32.4472

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.



178.9060, 5.4693, -74.4626



205.0020, 20.7050, 32.4472



193.4660, -33.7537, -0.4087

Square

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



205.0020, 20.7050, 32.4472



198.1100, -30.1272, 49.8925



187.9590, -18.2208, -35.9210



171.7090, 41.0625, -104.1078

Rectangle

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



205.0020, 20.7050, 32.4472



196.1960, -6.9986, 51.5711



187.9590, -18.2208, -35.9210



170.3120, 23.0172, -102.8826

Sweetspot

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



205.0020, 20.7050, 32.4472



242.9610, 5.9352, 9.6812



189.3880, 28.4027, -9.9873



120.0700, 3.9095, 6.0776



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.



205.0020, 20.7050, 32.4472



202.1370, 26.0615, 41.0989



203.1910, 7.3008, 38.4205



114.9560, 3.4727, 6.1776



72.9310, 55.7430, 87.7605



22.8720, 17.8111, 27.2993

Inverse Universe

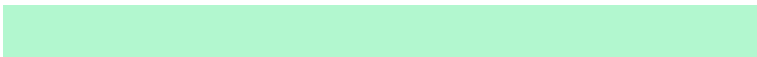
The Inverse Universe completely reimagines the original color for something new.



199.2010, -7.9871, 41.9197



194.8110, -9.7668, 52.7858



221.8090, -7.3008, -38.4205



113.7020, -1.3321, 7.2773



57.0960, -21.7393, 113.0488



18.0970, -6.9498, 35.8719

Previews

White Background



This preview shows how the YUV color 205.0020, 20.7050, 32.4472 looks on a white background.

Color Contrast Check

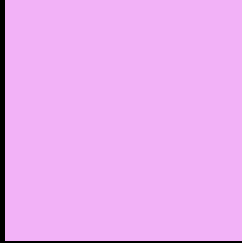
Large Text (above 18pt) WCAG AA × Fail

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 205.0020, 20.7050, 32.4472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

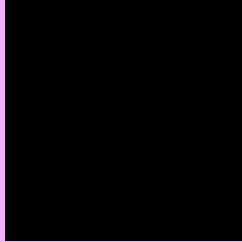
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.0020, 20.7050, 32.4472

Background



This preview shows how black text looks on a background with the YUV color 205.0020, 20.7050, 32.4472.



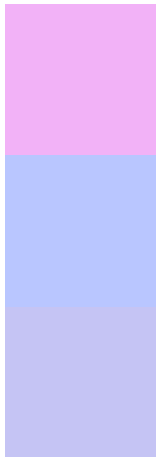
This preview shows how white text looks on a background with the YUV color 205.0020, 20.7050,

32.4472.

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

205.0020, 20.7050, 32.4472

Protanopia

200.6110, 26.8138, -13.6908

Deuteranopia

201.7710, 20.8189, -4.1842



Tritanopia

203.2470, -1.1078, 28.7244

Trichromacy



Original Color

205.0020, 20.7050, 32.4472



Protanomaly

202.4390, 24.4336, 3.1230



Deuteranomaly

202.5600, 20.9229, 9.1559



Tritanomaly

204.0220, 6.8912, 29.7987

Monochromacy



Original Color

205.0020, 20.7050, 32.4472



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.7270, 7.5296, 11.6404

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.0020, 20.7050, 32.4472 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, 178, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 178, 247)  
}
```

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, 178, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 178, 247) }
```

Border

The CSS property to change the border of an element to YUV 205.0020, 20.7050, 32.4472 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, 178, 247) }
```


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

```
.border{ border-color:rgb(242, 178, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 178, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 178, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 178, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 178,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 205.0020, 20.7050, 32.4472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 178, 247) }
```

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

```
.background{ background-color: rgb(242,  
178, 247) }
```

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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