

Converting Colors

YUV(203.5060, 6.1595, 31.1282)

Have a look what the booklet for
YUV(203.5060, 6.1595, 31.1282)
contains.

YUV(203.5060, 6.1595, 31.1282)	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(203.5060, 6.1595,
31.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB7D8
RGB	239, 183, 216
RGB Percent	94%, 72%, 85%
CMY	0.0627, 0.2824, 0.1529
CMYK	0.00, 0.23, 0.10, 0.06
HSL	325°, 64%, 83%
HSV	325°, 23%, 94%
XYZ	64.9248, 57.1756, 72.5798
YIQ	203.5060, 22.7830, 22.1350

Conversions

Conversions Part 2

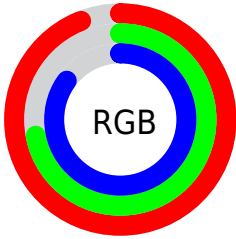
Format	Color
R _Y B	239, 183, 216
Decimal	15710168
CIE Lab	80.28, 25.35, -8.71
CIE LCh	80, 26.809, 341.036
Yxy	57.1756, 0.3335, 0.2937
Android (android.graphics.Color)	4293900248 (0xFFEFB7D8)
YUV	203.5060, 6.1595, 31.1282
Hunter-Lab	75.6145, 20.9397, -3.9803

Details

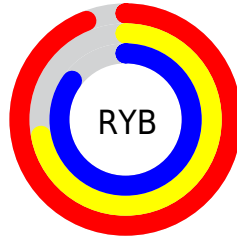
The YUV color $203.5060, 6.1595, 31.1282$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $218.4940, -6.1595, -31.1282$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6080, 4.6303, 8.2368$, and $149.0820, 5.8756, 28.8691$ is the 20% darker color. If you saturate the color by 10%, you get $188.2780, 8.7369, 44.4832$, and if you desaturate by 10%, it is $218.7340, 3.5821, 17.7733$.

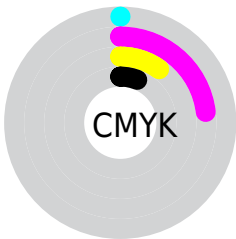
Distribution



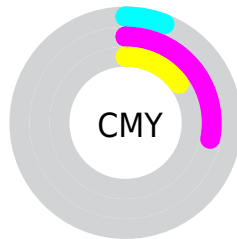
- Red (94%)
- Green (72%)
- Blue (85%)



- Red (94%)
- Yellow (72%)
- Blue (85%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (6%)




- Cyan (6%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.5060, 6.1595, 31.1282 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 203.5060, 6.1595, 31.1282 by changing the saturation by 10% instead.


 203.5060, 6.1595,
31.1282


 203.5060, 6.1595,
31.1282

255.0000, 0.0000,
0.0000

 175.7940, 6.0176,
29.9987


 245.6080, 4.6303,
8.2368

 149.0820, 5.8756,
28.8691

 122.7830, 6.0230,
28.2543

 97.4840, 6.1704,
27.6395

 73.3590, 5.7390,
25.9952

 49.7610, 6.0338,
24.7656

 26.5760, 6.6180,

24.0508

■ 13.0440, 3.4293,
20.1324

■ 0.0000, 0.0000,
0.0000

■ 203.5060, 6.1595,
31.1282

■ 203.5060, 6.1595,
31.1282

■ 188.2780, 8.7369,
44.4832

■ 218.7340, 3.5821,
17.7733

■ 173.0500, 11.3144,
57.8382

■ 233.9620, 1.0047,
4.4183

■ 157.9360, 14.3286,
71.0931

■ 249.0760, -2.0095,
-8.8367

■ 142.7080, 16.9060,
84.4481

■ 250.2160, 2.3585,
-9.8364

■ 127.4800, 19.4834,
97.8030

■ 112.8390, 21.7714,
110.6432

■ 97.6110, 24.3488,
123.9982

■ 87.5350, 26.3582,
132.8348

Harmonies

Analogous

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



202.8330, 16.8443, 10.6705



203.5060, 6.1595, 31.1282



202.7710, -5.8031, 41.4198

Triad

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



203.5060, 6.1595, 31.1282



196.6920, -23.0192, 9.9171



188.4630, 20.9707, -53.0261

Complementary

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



203.5060, 6.1595, 31.1282



218.4940, -6.1595, -31.1282

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.



187.9120, 9.9034, -49.9118



203.5060, 6.1595, 31.1282



194.2700, -16.4021, -12.5148

Square

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



203.5060, 6.1595, 31.1282



199.4000, -23.3682, 28.5902



190.6400, -4.2595, -33.8873



193.2180, 26.0215, -39.6562

Rectangle

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



203.5060, 6.1595, 31.1282



202.0070, -13.8075, 42.0899



190.6400, -4.2595, -33.8873



187.9530, 17.7712, -53.4558

Sweetspot

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



203.5060, 6.1595, 31.1282



243.6360, 2.1515, 9.9662



195.9620, 21.2177, 7.9263



120.9730, 0.9993, 6.1627



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.



203.5060, 6.1595, 31.1282



210.0170, 7.8796, 39.4501



200.4280, -5.6340, 33.8276



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Inverse Universe

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



203.5060, 6.1595, 31.1282



210.0170, 7.8796, 39.4501



221.5720, 5.6340, -33.8276



112.3860, 1.2887, 6.6775



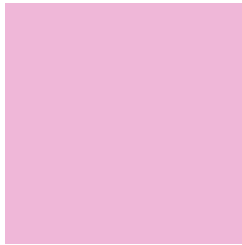
67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 203.5060, 6.1595, 31.1282 looks on a white background.

Color Contrast Check

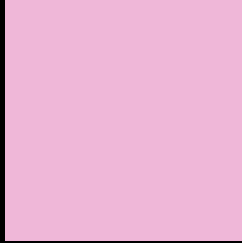
Large Text (above 18pt) WCAG AA × Fail

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 203.5060, 6.1595, 31.1282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

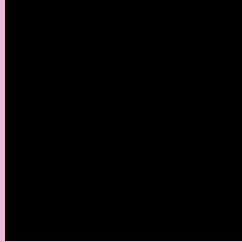
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.5060, 6.1595, 31.1282

Background



This preview shows how black text looks on a background with the YUV color 203.5060, 6.1595, 31.1282.



This preview shows how white text looks on a background with the YUV color 203.5060, 6.1595,

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

203.5060, 6.1595, 31.1282

Protanopia

200.1810, 12.2358, -4.5437

Deuteranopia

201.6620, 6.0826, 9.0664



Tritanopia

202.8450, -1.4026, 29.9539

Trichromacy



Original Color

203.5060, 6.1595, 31.1282

Protanomaly

201.6880, 10.0138, 8.1666

Deuteranomaly

202.4180, 6.2029, 17.1734

Tritanomaly

203.2410, 1.3602, 30.4836

Monochromacy



Original Color

203.5060, 6.1595, 31.1282

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.6470, 2.1460, 11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5060, 6.1595, 31.1282 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(239, 183, 216)` looks like.

```
.text, #text, p{  
    color:rgb(239, 183, 216)  
}
```

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(239, 183, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 183, 216) }
```

Border

The CSS property to change the border of an element to YUV 203.5060, 6.1595, 31.1282 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(239, 183, 216) }
```


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

```
.border{ border-color:rgb(239, 183, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 183, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 183, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 183, 216);  
box-shadow:4px 4px 4px 4px rgb(239, 183,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 203.5060, 6.1595, 31.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 183, 216) }
```

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

```
.background{ background-color: rgb(239,  
183, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor