

Converting Colors

YUV(228.0610, 0.9559, 20.1175)

Have a look what the booklet for
YUV(228.0610, 0.9559, 20.1175)
contains.

YUV(228.0610, 0.9559, 20.1175)	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(228.0610, 0.9559,
20.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD8E6
RGB	251, 216, 230
RGB Percent	98%, 85%, 90%
CMY	0.0157, 0.1529, 0.0980
CMYK	0.00, 0.14, 0.08, 0.02
HSL	336°, 81%, 92%
HSV	336°, 14%, 98%
XYZ	78.6225, 75.3341, 85.2600
YIQ	228.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

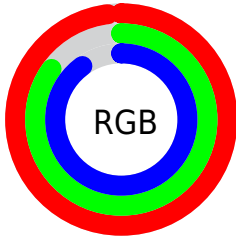
Format	Color
R _Y B	251, 216, 230
Decimal	16505062
CIE Lab	89.55, 14.41, -2.36
CIE LCh	90, 14.598, 350.693
Yxy	75.3341, 0.3287, 0.3149
Android (android.graphics.Color)	4294695142 (0xFFFB8E6)
YUV	228.0610, 0.9559, 20.1175
Hunter-Lab	86.7952, 9.8005, 2.5154

Details

The YUV color $228.0610, 0.9559, 20.1175$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $238.9390, -0.9559, -20.1175$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.4630, 1.2507, 18.8879$ is the 20% darker color. If you saturate the color by 10%, you get $211.6760, 1.6387, 34.4871$, and if you desaturate by 10%, it is $244.4460, 0.2731, 5.7479$.

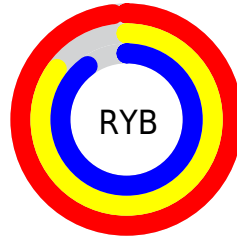
Distribution



Red (98%)

Green (85%)

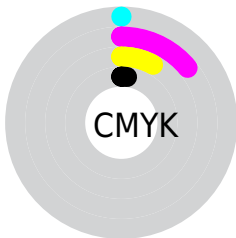
Blue (90%)



Red (98%)

Yellow (85%)

Blue (90%)

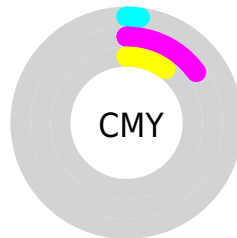


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 228.0610, 0.9559, 20.1175 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 228.0610, 0.9559, 20.1175 by changing the saturation by 10% instead.

 228.0610, 0.9559,
20.1175


 228.0610, 0.9559,
20.1175


255.0000, 0.0000,
0.0000


 199.7620, 1.1033,
19.5027

 172.4630, 1.2507,
18.8879

 146.0500, 0.9613,
18.3731

 119.7510, 1.1088,
17.7584

 95.3380, 0.8194,
17.2436

 71.7400, 1.1142,
16.0140

 48.4410, 1.2616,

15.3992

■ 27.4300, 1.2670,
13.6549

■ 7.6320, -1.7906,
14.3547

■ 228.0610, 0.9559,
20.1175

■ 228.0610, 0.9559,
20.1175

■ 211.6760, 1.6387,
34.4871

■ 244.4460, 0.2731,
5.7479

■ 195.2910, 2.3215,
48.8568

■ 253.8040, 0.5896,
-2.4591

■ 178.9060, 3.0043,
63.2264

■ 162.5210, 3.6871,
77.5961

■ 146.1360, 4.3700,
91.9657

■ 129.1640, 5.3421,
106.8502

■ 112.7790, 6.0250,
121.2198

■ 96.3940, 6.7078,
135.5895

■ 86.4490, 6.6806,
144.3112

Harmonies

Analogous

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



227.7160, 7.5350, 9.8961



228.0610, 0.9559, 20.1175



227.6610, -5.7489, 23.9763

Triad

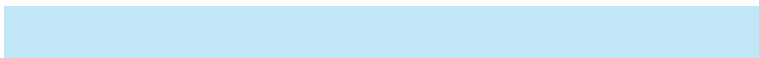
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.0610, 0.9559, 20.1175



223.5090, -12.0829, 2.1846



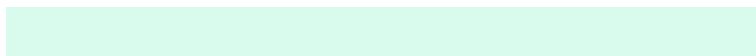
221.3480, 12.1534, -24.8612

Complementary

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



228.0610, 0.9559, 20.1175



238.9390, -0.9559, -20.1175

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.



220.2570, 6.7753, -26.5354



228.0610, 0.9559, 20.1175



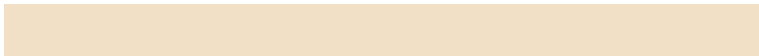
221.9850, -7.3876, -10.5108

Square

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



228.0610, 0.9559, 20.1175



225.5320, -13.5733, 13.5654



220.7540, -0.3717, -20.8323



223.8590, 13.8735, -16.5393

Rectangle

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



228.0610, 0.9559, 20.1175



226.9230, -9.8220, 23.7465



220.7540, -0.3717, -20.8323



220.9950, 10.8485, -26.3056

Sweetspot

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



228.0610, 0.9559, 20.1175



248.4460, 0.2731, 5.7479



226.2690, 12.1924, 9.4111



123.4350, 0.2785, 4.0035



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.



228.0610, 0.9559, 20.1175



226.7950, 1.0871, 24.7358



228.2260, -6.0274, 19.9728



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Inverse Universe

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



228.0610, 0.9559, 20.1175



226.7950, 1.0871, 24.7358



238.1870, 6.3168, -19.4580



116.4570, 0.2677, 7.4922



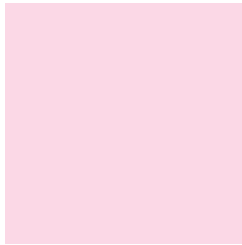
65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 228.0610, 0.9559, 20.1175 looks on a white background.

Color Contrast Check

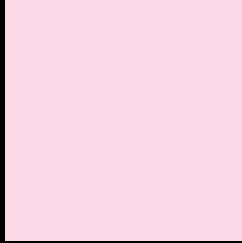
Large Text (above 18pt) WCAG AA × Fail

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 228.0610, 0.9559, 20.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

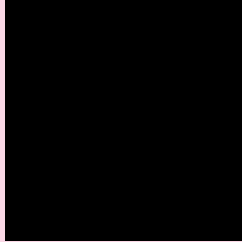
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.0610, 0.9559, 20.1175

Background



This preview shows how black text looks on a background with the YUV color 228.0610, 0.9559, 20.1175.

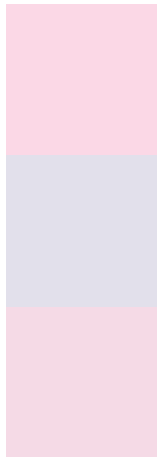


This preview shows how white text looks on a background with the YUV color 228.0610, 0.9559,

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

228.0610, 0.9559, 20.1175

Protanopia

225.8520, 4.5100, 0.1298

Deuteranopia

227.4410, 1.2616, 15.3992



Tritanopia

228.2890, 1.8295, 19.9175

Trichromacy



Original Color

228.0610, 0.9559, 20.1175

Protanomaly

226.5540, 3.1779, 7.4071

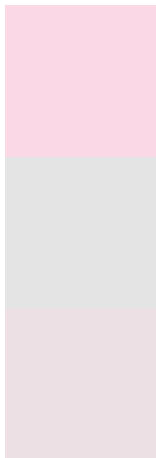
Deuteranomaly

227.4520, 1.2562, 17.1436

Tritanomaly

228.1750, 1.3927, 20.0175

Monochromacy



Original Color

228.0610, 0.9559, 20.1175

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0610, 0.9559, 20.1175 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(251, 216, 230)` looks like.

```
.text, #text, p{  
    color:rgb(251, 216, 230)  
}
```

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(251, 216, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 216, 230) }
```

Border

The CSS property to change the border of an element to YUV 228.0610, 0.9559, 20.1175 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(251, 216, 230) }
```


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

```
.border{ border-color:rgb(251, 216, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 216, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 216,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 228.0610, 0.9559, 20.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 216, 230) }
```

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

```
.background{ background-color: rgb(251,  
216, 230) }
```

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