

Converting Colors

YUV(204.8420, -3.8661,
-20.0324)

Have a look what the booklet for
YUV(204.8420, -3.8661, -20.0324)
contains.

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Color

**YUV(204.8420, -3.8661,
-20.0324)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DAC5
RGB	182, 218, 197
RGB Percent	71%, 85%, 77%
CMY	0.2863, 0.1451, 0.2275
CMYK	0.17, 0.00, 0.10, 0.15
HSL	145°, 33%, 78%
HSV	145°, 17%, 85%
XYZ	54.4409, 64.1191, 62.3302
YIQ	204.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

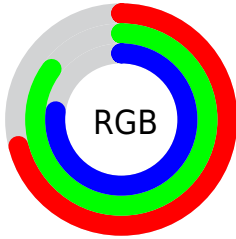
Format	Color
RYB	182, 207, 218
Decimal	11983557
CIELab	84.03, -15.91, 6.40
CIELCh	84, 17.152, 158.101
Yxy	64.1191, 0.3010, 0.3545
Android (android.graphics.Color)	4290173637 (0xFFB6DAC5)
YUV	204.8420, -3.8661, -20.0324
Hunter-Lab	80.0744, -18.7719, 9.9005

Details

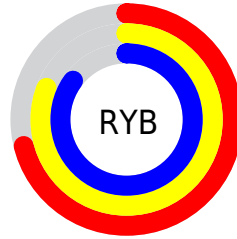
The YUV color $204.8420, -3.8661, -20.0324$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.1580, 3.8661, 20.0324$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8030, 2.0691, -10.3512$, and $150.5540, -3.7241, -18.9029$ is the 20% darker color. If you saturate the color by 10%, you get $196.7820, -6.3015, -32.2578$, and if you desaturate by 10%, it is $212.9020, -1.4307, -7.8071$.

Distribution



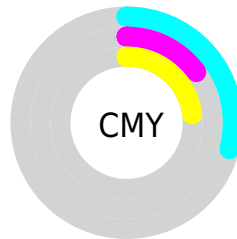
- Red (71%)
- Green (85%)
- Blue (77%)



- Red (71%)
- Yellow (81%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.8420, -3.8661, -20.0324 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 204.8420, -3.8661, -20.0324 by changing the saturation by 10% instead.

■ 204.8420, -3.8661,
-20.0324

■ 204.8420, -3.8661,
-20.0324

255.0000, 0.0000,
0.0000

■ 177.2550, -3.5767,
-19.5176

■ 249.8030, 2.0691,
-10.3512

■ 150.5540, -3.7241,
-18.9029

■ 124.6680, -3.2873,
-19.0028

■ 99.3800, -3.1453,
-17.8733

■ 75.3800, -3.1453,
-17.8733

■ 52.2060, -2.5666,
-16.8437

■ 30.0210, -1.9824,

-17.5584

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 204.8420, -3.8661,
-20.0324

■ 204.8420, -3.8661,
-20.0324

■ 196.7820, -6.3015,
-32.2578

■ 212.9020, -1.4307,
-7.8071

■ 188.8360, -8.3001,
-44.5832

■ 220.8480, 0.5679,
4.5183

■ 181.0750,
-10.8830, -56.1938

■ 228.6090, 3.1508,
16.1289

■ 173.0150,
-13.3184, -68.4192

■ 232.4830, 7.6499,
19.7474

■ 164.9550,
-15.7538, -80.6445

■ 233.2810, 10.7075,
19.0476

■ 157.0090,
-17.7524, -92.9699

■ 148.9490,
-20.1879, -105.1953

■ 141.1880,
-22.7707, -116.8059

■ 138.3400,
-23.3386, -121.3242

Harmonies

Analogous

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



206.9810, -11.3296, -6.1223



204.8420, -3.8661, -20.0324



203.6650, 4.6022, -29.5242

Triad

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



204.8420, -3.8661, -20.0324



209.0600, 15.7464, -10.5766



211.7170, -10.7065, 27.4352

Complementary

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



204.8420, -3.8661, -20.0324



195.1580, 3.8661, 20.0324

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.



212.3670, -3.1389, 26.8651



204.8420, -3.8661, -20.0324



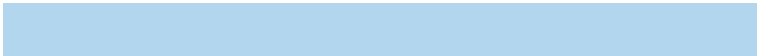
211.7200, 11.4770, 5.5076

Square

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



204.8420, -3.8661, -20.0324



206.3850, 16.0792, -24.0166



212.9730, 4.4503, 19.3177



210.5220, -15.0473, 19.7132

Rectangle

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



204.8420, -3.8661, -20.0324



204.3210, 9.7017, -31.8535



212.9730, 4.4503, 19.3177



211.9990, -8.3805, 28.0649

Sweetspot

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



204.8420, -3.8661, -20.0324



250.3150, -1.1413, -7.2923



209.4110, -13.5136, -5.6224



125.0380, -1.0047, -4.4183



0.0000, 0.0000, 0.0000



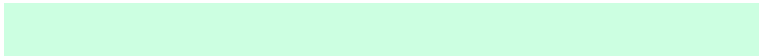
128.0000, 0.0000, 0.0000

Same Dimension

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



204.8420, -3.8661, -20.0324



236.3310, -5.5862, -28.3543



206.8940, 3.9963, -21.8320



105.9130, -1.4361, -6.0627



109.7590, -18.6152, -96.2586



29.1680, -5.0128, -25.5803

Inverse Universe

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



195.1580, 3.8661, 20.0324



222.6690, 5.5862, 28.3543



193.1060, -3.9963, 21.8320



102.9730, 0.9993, 6.1627



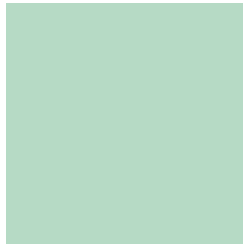
63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 204.8420, -3.8661, -20.0324 looks on a white background.

Color Contrast Check

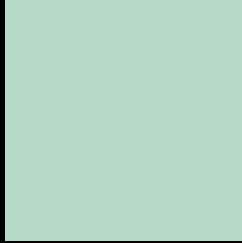
Large Text (above 18pt) WCAG AA × Fail

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 204.8420, -3.8661, -20.0324 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 204.8420, -3.8661, -20.0324 Background



This preview shows how black text looks on a background with the YUV color 204.8420, -3.8661, -20.0324.



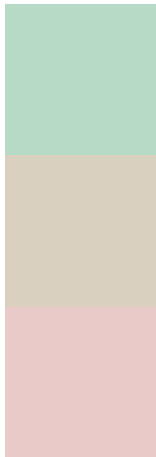
This preview shows how white text looks on a background with the YUV color 204.8420, -3.8661, -20.0324.

-20.0324.

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

204.8420, -3.8661, -20.0324

Protanopia

208.8670, -8.3154, 7.1326

Deuteranopia

211.0410, -5.4432, 19.2580



Tritanopia

207.4630, 11.1107, -17.0691

Trichromacy



Original Color

204.8420, -3.8661, -20.0324

Protanomaly

207.5560, -6.6831, -3.1186

Deuteranomaly

208.7680, -4.8156, 4.5885

Tritanomaly

206.6710, 5.5852, -18.1285

Monochromacy



Original Color

204.8420, -3.8661, -20.0324

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.2010, -1.5781, -7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.8420, -3.8661, -20.0324 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(182, 218, 197)` looks like.

```
.text, #text, p{  
    color:rgb(182, 218, 197)  
}
```

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(182, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 218, 197) }
```

Border

The CSS property to change the border of an element to YUV 204.8420, -3.8661, -20.0324 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(182, 218, 197) }
```


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

```
.border{ border-color:rgb(182, 218, 197) }
```

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

Here you see how a box with a 4 pixel rgb(182, 218, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 218, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 218, 197);  
box-shadow:4px 4px 4px 4px rgb(182, 218,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 204.8420, -3.8661, -20.0324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 218, 197) }
```

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

```
.background{ background-color: rgb(182,  
218, 197) }
```

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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