

Converting Colors

YUV(204.4540, -18.4648,
42.5748)

Have a look what the booklet for
YUV(204.4540, -18.4648, 42.5748)
contains.

YUV(204.4540, -18.4648, 42.5748)	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(204.4540, -18.4648,
42.5748)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBBA7
RGB	253, 187, 167
RGB Percent	99%, 73%, 65%
CMY	0.0078, 0.2667, 0.3451
CMYK	0.00, 0.26, 0.34, 0.01
HSL	14°, 96%, 82%
HSV	14°, 34%, 99%
XYZ	65.2534, 59.2133, 44.5493
YIQ	204.4540, 45.7560, 7.7720

Conversions

Conversions Part 2

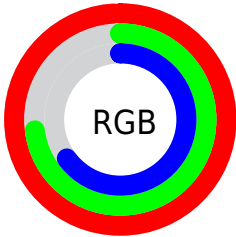
Format	Color
R _Y B	253, 193, 167
Decimal	16628647
CIE Lab	81.41, 21.22, 19.47
CIE LCh	81, 28.801, 42.534
Yxy	59.2133, 0.3861, 0.3503
Android (android.graphics.Color)	4294818727 (0xFFFDBBA7)
YUV	204.4540, -18.4648, 42.5748
Hunter-Lab	76.9502, 16.7043, 19.5400

Details

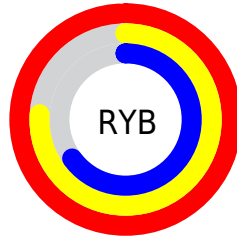
The YUV color $204.4540, -18.4648, 42.5748$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $215.5460, 18.4648, -42.5748$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1940, -10.9416, 9.4769$, and $150.0730, -17.2910, 39.4010$ is the 20% darker color. If you saturate the color by 10%, you get $190.4510, -23.8863, 54.8555$, and if you desaturate by 10%, it is $218.4570, -13.0433, 30.2942$.

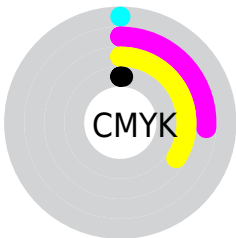
Distribution



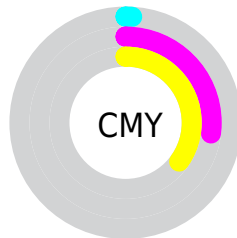
- Red (99%)
- Green (73%)
- Blue (65%)



- Red (99%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (1%)



- Cyan (1%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4540, -18.4648, 42.5748 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 204.4540, -18.4648, 42.5748 by changing the saturation by 10% instead.

204.4540,
-18.4648, 42.5748

204.4540,
-18.4648, 42.5748

255.0000, 0.0000,
0.0000

176.9700,
-17.7332, 41.2453

244.1940,
-10.9416, 9.4769

150.0730,
-17.2910, 39.4010

254.5440, -1.7472,
0.3999

123.2900,
-16.4120, 37.4567

97.9200, -15.2436,
36.0272

73.7240, -14.6539,
33.5681

49.8700, -12.7539,
30.8090

27.0440, -13.3327,

29.7794

■ 11.3620, -5.6015,
23.3615

■ 0.0000, 0.0000,
0.0000

■ 204.4540,
-18.4648, 42.5748

■ 204.4540,
-18.4648, 42.5748

■ 190.4510,
-23.8863, 54.8555

■ 218.4570,
-13.0433, 30.2942

■ 175.7470,
-29.4553, 67.7509

■ 233.1610, -7.4744,
17.3988

■ 161.7440,
-34.8768, 80.0315

■ 247.1640, -2.0529,
5.1182

■ 147.1540,
-40.0089, 92.8269

254.4020, 0.2948,
-1.2296

■ 133.0370,
-45.8672, 105.2076

■ 119.0340,
-51.2888, 117.4882

■ 110.2800,
-54.3680, 125.1654

Harmonies

Analogous

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



205.5540, -6.6821, 43.3641



204.4540, -18.4648, 42.5748



202.2430, -25.2628, 29.6049

Triad

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



204.4540, -18.4648, 42.5748



192.7320, -3.8119, -37.4760



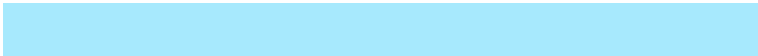
202.3720, 25.9456, -15.2352

Complementary

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



204.4540, -18.4648, 42.5748



215.5460, 18.4648, -42.5748

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.



195.7770, 28.2109, -41.9004



204.4540, -18.4648, 42.5748



190.2210, 11.2300, -55.4448

Square

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



204.4540, -18.4648, 42.5748



196.7320, -17.1229, -14.6740



190.7120, 23.3130, -57.6294



206.3710, 17.5651, 12.8296

Rectangle

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



204.4540, -18.4648, 42.5748



200.6390, -25.9510, 16.9796



190.7120, 23.3130, -57.6294



200.2460, 26.9937, -24.7717

Sweetspot

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



204.4540, -18.4648, 42.5748



240.4100, -5.1321, 12.7954



200.3520, 16.5885, 46.1723



119.1320, -3.5161, 7.7772



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.



204.4540, -18.4648, 42.5748



196.0700, -22.7125, 51.6816



229.1080, -30.6192, 20.9533



120.6480, -2.7845, 6.4477



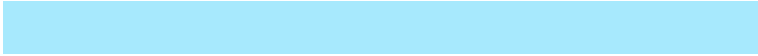
82.9370, -40.8879, 94.7713



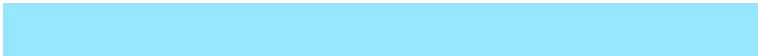
27.9410, -13.7749, 31.6237

Inverse Universe

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



215.5460, 18.4648, -42.5748



209.5170, 22.4231, -52.1964



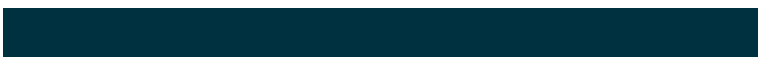
190.8920, 30.6192, -20.9533



122.3520, 2.7845, -6.4477



108.0630, 40.8879, -94.7713



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 204.4540, -18.4648, 42.5748 looks on a white background.

Color Contrast Check

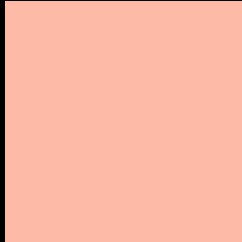
Large Text (above 18pt) WCAG AA × Fail

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 204.4540, -18.4648, 42.5748 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 204.4540, -18.4648, 42.5748

Background



This preview shows how black text looks on a background with the YUV color 204.4540, -18.4648, 42.5748.



This preview shows how white text looks on a background with the YUV color 204.4540, -18.4648, 42.5748.

42.5748.

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

204.4540, -18.4648, 42.5748

Protanopia

202.0970, -13.8518, 9.5619

Deuteranopia

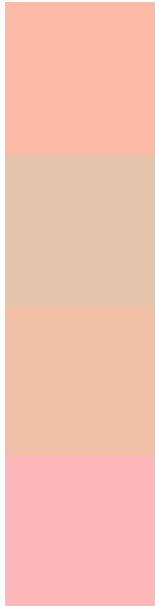
203.6540, -18.5634, 27.4904



Tritanopia

206.1240, -4.4981, 42.8643

Trichromacy



Original Color

204.4540, -18.4648, 42.5748

Protanomaly

203.3050, -15.9264, 21.6575

Deuteranomaly

203.9860, -18.7271, 33.3383

Tritanomaly

205.1580, -9.4449, 42.8344

Monochromacy



Original Color

204.4540, -18.4648, 42.5748

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.3780, -6.5954, 15.4545

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4540, -18.4648, 42.5748 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(253, 187, 167)` looks like.

```
.text, #text, p{  
    color:rgb(253, 187, 167)  
}
```

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(253, 187, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 187, 167) }
```

Border

The CSS property to change the border of an element to YUV 204.4540, -18.4648, 42.5748 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(253, 187, 167) }
```


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

```
.border{ border-color:rgb(253, 187, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 187, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 187, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 187, 167);  
box-shadow:4px 4px 4px 4px rgb(253, 187,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 204.4540, -18.4648, 42.5748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 187, 167) }
```

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

```
.background{ background-color: rgb(253,  
187, 167) }
```

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