

Converting Colors

YUV(207.5380, -6.1812,
-24.1508)

Have a look what the booklet for
YUV(207.5380, -6.1812, -24.1508)
contains.

YUV(207.5380, -6.1812, -24.1508)	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(207.5380, -6.1812,
-24.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E0C3
RGB	180, 224, 195
RGB Percent	71%, 88%, 76%
CMY	0.2941, 0.1216, 0.2353
CMYK	0.20, 0.00, 0.13, 0.12
HSL	140°, 42%, 79%
HSV	140°, 20%, 88%
XYZ	55.3284, 66.9547, 61.6372
YIQ	207.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

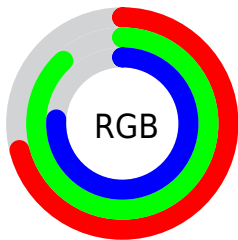
Format	Color
RYB	180, 213, 224
Decimal	11854019
CIELab	85.48, -19.93, 9.52
CIELCh	85, 22.091, 154.470
Yxy	66.9547, 0.3008, 0.3640
Android (android.graphics.Color)	4290044099 (0xFFB4E0C3)
YUV	207.5380, -6.1812, -24.1508
Hunter-Lab	81.8259, -22.4986, 12.6166

Details

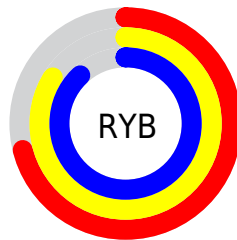
The YUV color **207.5380, -6.1812, -24.1508** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196.4620, 6.1812, 24.1508**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.9770, 1.4903, -11.3808**, and **153.2500, -6.0393, -23.0212** is the 20% darker color. If you saturate the color by 10%, you get **199.2500, -9.4902, -36.1763**, and if you desaturate by 10%, it is **215.8260, -2.8722, -12.1254**.

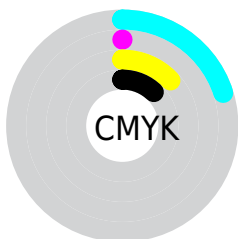
Distribution



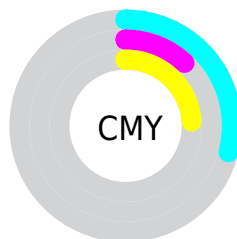
- Red (71%)
- Green (88%)
- Blue (76%)



- Red (71%)
- Yellow (84%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (29%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 207.5380, -6.1812, -24.1508 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 207.5380, -6.1812, -24.1508 by changing the saturation by 10% instead.

 207.5380, -6.1812,
-24.1508

 207.5380, -6.1812,
-24.1508

255.0000, 0.0000,
0.0000


 179.9510, -5.8918,
-23.6360


 248.9770, 1.4903,
-11.3808

 153.2500, -6.0393,
-23.0212

 126.7770, -5.3131,
-22.6064

 101.1900, -5.0237,
-22.0916

 77.3040, -4.5869,
-22.1916

 53.7170, -4.2975,
-21.6768

 30.7600, -2.8397,

-22.5915

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 207.5380, -6.1812,
-24.1508

■ 207.5380, -6.1812,
-24.1508

■ 199.2500, -9.4902,
-36.1763

■ 215.8260, -2.8722,
-12.1254

■ 190.6630,
-12.6519, -48.8165

■ 224.4130, 0.2894,
0.5148

■ 182.4890,
-15.5241, -60.9419

■ 232.5870, 3.1616,
12.6402

■ 173.9020,
-18.6857, -73.5821

■ 236.6890, 8.5343,
16.0587

■ 165.6140,
-21.9947, -85.6075

■ 236.8030, 8.9711,
15.9588

■ 157.3260,
-25.3037, -97.6329

■ 148.8530,
-28.0285, -110.3731

■ 140.5650,
-31.3375, -122.3985

■ 140.1520,
-31.6269, -122.9133

Harmonies

Analogous

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



210.2430, -15.4028, -6.3521



207.5380, -6.1812, -24.1508



205.7240, 5.0661, -38.3459

Triad

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



207.5380, -6.1812, -24.1508



212.6940, 20.8569, -16.3946



216.0060, -12.3280, 34.1977

Complementary

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



207.5380, -6.1812, -24.1508



196.4620, 6.1812, 24.1508

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.



217.1120, -3.0132, 33.2278



207.5380, -6.1812, -24.1508



215.8600, 15.8450, 4.5078

Square

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



207.5380, -6.1812, -24.1508



208.8720, 20.7691, -34.9677



217.3910, 7.2022, 23.3361



214.6540, -18.5634, 27.4904

Rectangle

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



207.5380, -6.1812, -24.1508



205.2380, 12.2077, -42.3047



217.3910, 7.2022, 23.3361



216.1030, -9.4178, 34.1127

Sweetspot

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



207.5380, -6.1812, -24.1508



249.3750, -2.1569, -8.2219



214.4990, -17.0080, -4.8226



124.6250, -1.2941, -4.9331



0.0000, 0.0000, 0.0000



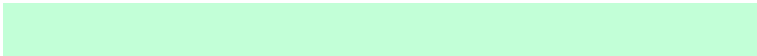
128.0000, 0.0000, 0.0000

Same Dimension

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



207.5380, -6.1812, -24.1508



232.2010, -8.4801, -33.5023



210.0460, 3.4283, -26.3503



107.9130, -1.4361, -6.0627



110.1520, -24.7249, -96.6033



30.1140, -6.4652, -26.4100

Inverse Universe

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



196.4620, 6.1812, 24.1508



216.7990, 8.4801, 33.5023



193.9540, -3.4283, 26.3503



105.0870, 1.4361, 6.0627



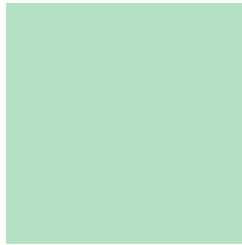
65.8480, 24.7249, 96.6033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 207.5380, -6.1812, -24.1508 looks on a white background.

Color Contrast Check

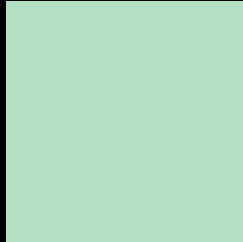
Large Text (above 18pt) WCAG AA × Fail

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 207.5380, -6.1812, -24.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

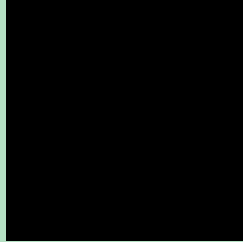
Any Text WCAG AA ✓ Pass

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 207.5380, -6.1812, -24.1508 Background



This preview shows how black text looks on a background with the YUV color 207.5380, -6.1812, -24.1508.



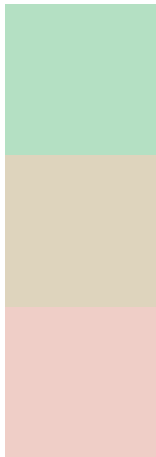
This preview shows how white text looks on a background with the YUV color 207.5380, -6.1812, -24.1508.

-24.1508.

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

207.5380, -6.1812, -24.1508

Protanopia

212.3680, -11.5204, 8.4473

Deuteranopia

215.0690, -7.9220, 20.9875



Tritanopia

210.7830, 12.4320, -20.8577

Trichromacy



Original Color

207.5380, -6.1812, -24.1508

Protanomaly

210.4590, -9.5933, -3.0335

Deuteranomaly

212.7850, -7.2890, 4.5736

Tritanomaly

209.3500, 5.7435, -22.2319

Monochromacy



Original Color

207.5380, -6.1812, -24.1508

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.9620, -2.4463, -8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.5380, -6.1812, -24.1508 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(180, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 224, 195)  
}
```

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(180, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 224, 195) }
```

Border

The CSS property to change the border of an element to YUV 207.5380, -6.1812, -24.1508 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(180, 224, 195) }
```


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

```
.border{ border-color:rgb(180, 224, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 224, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 224,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 207.5380, -6.1812, -24.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 224, 195) }
```

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

```
.background{ background-color: rgb(180,  
224, 195) }
```

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