

Converting Colors

YUV(212.3620, 0.8075,
-25.7505)

Have a look what the booklet for
YUV(212.3620, 0.8075, -25.7505)
contains.

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Color

**YUV(212.3620, 0.8075,
-25.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E3D6
RGB	183, 227, 214
RGB Percent	72%, 89%, 84%
CMY	0.2824, 0.1098, 0.1608
CMYK	0.19, 0.00, 0.06, 0.11
HSL	162°, 44%, 80%
HSV	162°, 19%, 89%
XYZ	59.1351, 69.8605, 73.9860
YIQ	212.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

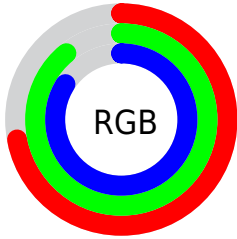
Format	Color
R_{YB}	183, 209, 227
Decimal	12051414
CIE Lab	86.93, -16.81, 1.63
CIE LCh	87, 16.889, 174.452
Yxy	69.8605, 0.2913, 0.3442
Android (android.graphics.Color)	4290241494 (0xFFB7E3D6)
YUV	212.3620, 0.8075, -25.7505
Hunter-Lab	83.5826, -19.9798, 6.0252

Details

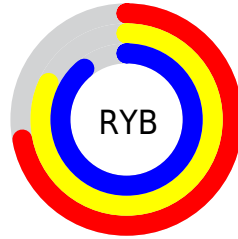
The YUV color $212.3620, 0.8075, -25.7505$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.6380, -0.8075, 25.7505$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2160, 2.3585, -9.8364$, and $157.6610, 0.6601, -25.1357$ is the 20% darker color. If you saturate the color by 10%, you get $204.6870, 1.1403, -39.1905$, and if you desaturate by 10%, it is $220.0370, 0.4748, -12.3104$.

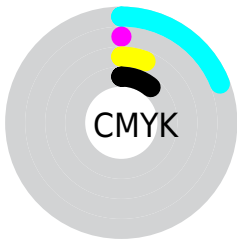
Distribution



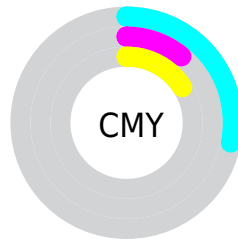
- Red (72%)
- Green (89%)
- Blue (84%)



- Red (72%)
- Yellow (82%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3620, 0.8075, -25.7505 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 212.3620, 0.8075, -25.7505 by changing the saturation by 10% instead.

■ 212.3620, 0.8075,
-25.7505

■ 212.3620, 0.8075,
-25.7505

255.0000, 0.0000,
0.0000

■ 184.6610, 0.6601,
-25.1357

■ 250.2160, 2.3585,
-9.8364

■ 157.6610, 0.6601,
-25.1357

■ 131.3730, 0.8021,
-24.0061

■ 105.7860, 1.0915,
-23.4913

■ 81.1990, 1.3809,
-22.9765

■ 57.9000, 1.5283,
-23.5913

■ 34.4160, 2.2599,

-24.9208

■ 18.4880, -0.2406,
-16.2140

■ 0.0000, 0.0000,
0.0000

■ 212.3620, 0.8075,
-25.7505

■ 212.3620, 0.8075,
-25.7505

■ 204.6870, 1.1403,
-39.1905

■ 220.0370, 0.4748,
-12.3104

■ 197.4250, 1.7625,
-52.1157

■ 227.2990, -0.1474,
0.6148

■ 189.7500, 2.0953,
-65.5558

■ 234.9740, -0.4802,
14.0548

■ 182.0750, 2.4280,
-78.9958

■ 236.9680, 1.9878,
15.8141

■ 174.6990, 2.6134,
-91.8210

■ 237.7660, 5.0454,
15.1142

■ 167.1380, 3.3830,
-105.3610

■ 238.4500, 7.6662,
14.5144

■ 159.4630, 3.7157,
-118.8011

■ 238.5640, 8.1029,
14.4144

■ 151.7880, 4.0485,
-132.2411

■ 151.4890, 4.1959,
-132.8559

Harmonies

Analogous

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



213.9630, -7.3768, -13.9996



212.3620, 0.8075, -25.7505



212.0930, 8.8282, -31.6536

Triad

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



212.3620, 0.8075, -25.7505



219.2460, 13.6827, -1.9697



219.5980, -13.6058, 24.0316

Complementary

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



212.3620, 0.8075, -25.7505



197.6380, -0.8075, 25.7505

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.



220.2270, -7.5069, 27.8649



212.3620, 0.8075, -25.7505



220.8520, 7.9610, 13.2848

Square

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



212.3620, 0.8075, -25.7505



216.4290, 16.0575, -17.0392



220.8550, 0.0715, 23.8062



217.9620, -15.7573, 14.0653

Rectangle

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



212.3620, 0.8075, -25.7505



212.6570, 13.4801, -30.3942



220.8550, 0.0715, 23.8062



219.4780, -11.5747, 25.8908

Sweetspot

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



212.3620, 0.8075, -25.7505



249.9450, 0.0271, -8.7218



212.7150, -14.6495, -14.6591



124.9670, 0.0163, -5.2331



0.0000, 0.0000, 0.0000



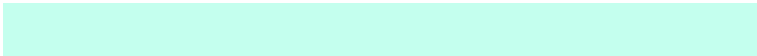
128.0000, 0.0000, 0.0000

Same Dimension

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



212.3620, 0.8075, -25.7505



235.4210, 1.2714, -34.5722



208.5610, 9.0904, -22.4170



110.9560, 0.0217, -6.9774



119.4370, 3.2356, -104.7462



34.0410, 0.9658, -29.8540

Inverse Universe

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



197.6380, -0.8075, 25.7505



215.6930, -0.8346, 34.4722



201.4390, -9.0904, 22.4170



107.0440, -0.0217, 6.9774



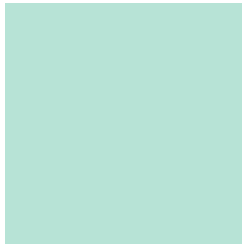
59.5630, -3.2356, 104.7462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 212.3620, 0.8075, -25.7505 looks on a white background.

Color Contrast Check

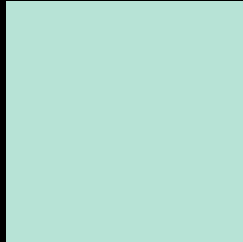
Large Text (above 18pt) WCAG AA × Fail

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 212.3620, 0.8075, -25.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

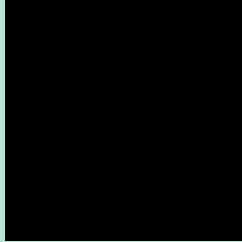
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

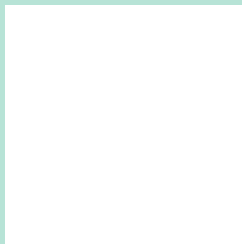
Any Text WCAG AAA ✓ Pass

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

YUV 212.3620, 0.8075, -25.7505 Background



This preview shows how black text looks on a background with the YUV color 212.3620, 0.8075, -25.7505.



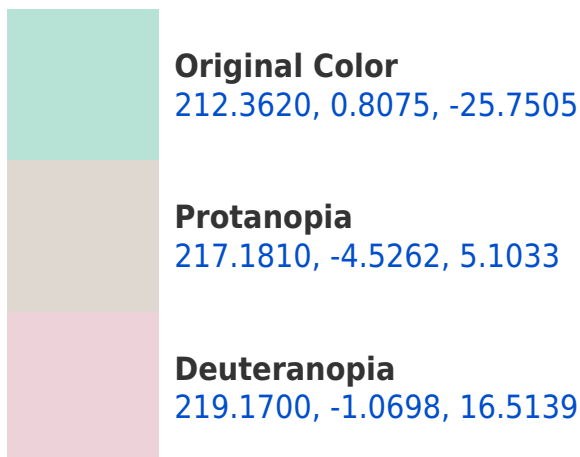
This preview shows how white text looks on a background with the YUV color 212.3620, 0.8075,

-25.7505.

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

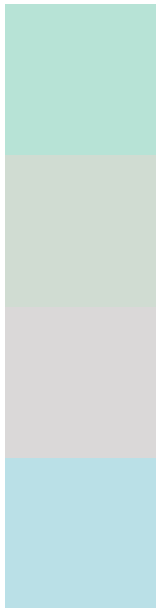




Tritanopia

214.5870, 13.0216, -23.3168

Trichromacy



Original Color

212.3620, 0.8075, -25.7505

Protanomaly

215.2720, -2.5991, -6.3775

Deuteranomaly

216.5980, -0.2948, 1.2296

Tritanomaly

213.4360, 8.6591, -24.0614

Monochromacy



Original Color

212.3620, 0.8075, -25.7505

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.7600, 0.6113, -9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3620, 0.8075, -25.7505 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(183, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(183, 227, 214)  
}
```

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(183, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 227, 214) }
```

Border

The CSS property to change the border of an element to YUV 212.3620, 0.8075, -25.7505 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(183, 227, 214) }
```


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

```
.border{ border-color:rgb(183, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(183, 227,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 212.3620, 0.8075, -25.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 227, 214) }
```

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

```
.background{ background-color: rgb(183,  
227, 214) }
```

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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