

Converting Colors

YUV(204.7050, 17.4004,
-27.8053)

Have a look what the booklet for
YUV(204.7050, 17.4004, -27.8053)
contains.

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Color

**YUV(204.7050, 17.4004,
-27.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD6F0
RGB	173, 214, 240
RGB Percent	68%, 84%, 94%
CMY	0.3216, 0.1608, 0.0588
CMYK	0.28, 0.11, 0.00, 0.06
HSL	203°, 69%, 81%
HSV	203°, 28%, 94%
XYZ	57.0083, 63.2686, 91.6455
YIQ	204.7050, -32.7820, -0.6060

Conversions

Conversions Part 2

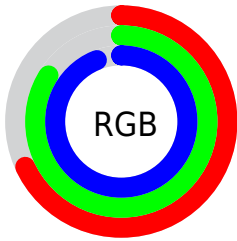
Format	Color
RYB	173, 198, 240
Decimal	11392752
CIELab	83.58, -7.57, -17.14
CIELCh	84, 18.737, 246.163
Yxy	63.2686, 0.2690, 0.2985
Android (android.graphics.Color)	4289582832 (0xFFADD6F0)
YUV	204.7050, 17.4004, -27.8053
Hunter-Lab	79.5416, -11.2649, -12.6331

Details

The YUV color $204.7050, 17.4004, -27.8053$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $208.2950, -17.4004, 27.8053$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5250, 3.6852, -15.3694$, and $149.8900, 16.8162, -27.0905$ is the 20% darker color. If you saturate the color by 10%, you get $192.2460, 23.5427, -37.9267$, and if you desaturate by 10%, it is $217.1640, 11.2581, -17.6838$.

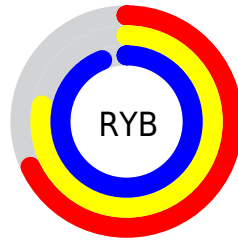
Distribution



Red (68%)

Green (84%)

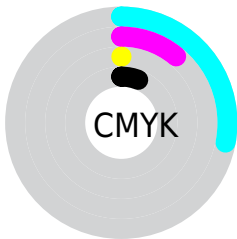
Blue (94%)



Red (68%)

Yellow (78%)

Blue (94%)

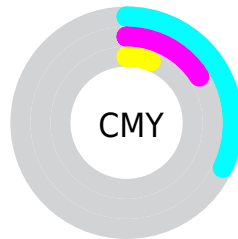


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (32%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7050, 17.4004, -27.8053 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 204.7050, 17.4004, -27.8053 by changing the saturation by 10% instead.

■ 204.7050, 17.4004,
-27.8053

■ 204.7050, 17.4004,
-27.8053

255.0000, 0.0000,
0.0000

■ 177.0040, 17.2530,
-27.1905

■ 247.5250, 3.6852,
-15.3694

■ 149.8900, 16.8162,
-27.0905

■ 123.7760, 16.3794,
-26.9906

■ 98.3630, 16.0900,
-27.5054

■ 73.6510, 15.9481,
-28.6349

■ 48.3300, 16.1063,
-32.7384

■ 29.5050, 14.0480,

-25.8759

■ 15.3710, 10.6631,
-13.4804

■ 2.1830, 5.8258,
-1.9145

■ 204.7050, 17.4004,
-27.8053

■ 204.7050, 17.4004,
-27.8053

■ 192.2460, 23.5427,
-37.9267

■ 217.1640, 11.2581,
-17.6838

■ 179.2000, 29.9744,
-47.5334

■ 230.2100, 4.8265,
-8.0772

■ 166.7410, 36.1167,
-57.6549

■ 242.6690, -1.3158,
2.0443

■ 154.2820, 42.2590,
-67.7763

■ 250.9420, -5.3944,
3.5589

■ 141.2360, 48.6907,
-77.3830

■ 253.2900, -6.5520,
1.4997

■ 128.7770, 54.8329,
-87.5044

■ 116.3180, 60.9752,
-97.6259

■ 113.6490, 62.2910,
-99.6702

Harmonies

Analogous

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



202.3960, 12.6228, -35.4273



204.7050, 17.4004, -27.8053



208.0920, 17.2096, -13.2357

Triad

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



204.7050, 17.4004, -27.8053



211.6770, -3.2918, 29.2243



205.6390, -12.6400, -5.8224

Complementary

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



204.7050, 17.4004, -27.8053



208.2950, -17.4004, 27.8053

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.



207.2990, -16.9094, 10.2618



204.7050, 17.4004, -27.8053



210.6140, -11.1487, 29.2795

Square

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



204.7050, 17.4004, -27.8053



211.9130, 5.4659, 20.2473



209.0170, -15.7844, 22.7871



203.0160, -4.4449, -21.0620

Rectangle

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



204.7050, 17.4004, -27.8053



210.1860, 14.6983, -1.0401



209.0170, -15.7844, 22.7871



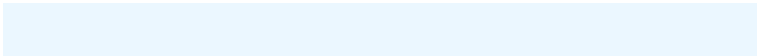
205.9170, -14.2561, -0.8042

Sweetspot

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



204.7050, 17.4004, -27.8053



244.3240, 5.2633, -8.1771



215.2930, -8.0324, -37.0910



121.1780, 3.3632, -5.4181



0.0000, 0.0000, 0.0000



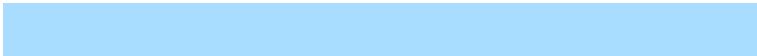
128.0000, 0.0000, 0.0000

Same Dimension

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



204.7050, 17.4004, -27.8053



209.0290, 22.6637, -35.9824



185.3340, 26.9503, -10.8169



113.4770, 3.2158, -4.8033



86.7200, 47.9590, -76.0534



26.3420, 14.6214, -23.1019

Inverse Universe

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



197.7070, 8.0324, 37.0910



200.0550, 10.3259, 48.1868



227.6660, -26.9503, 10.8169



112.3860, 1.2887, 6.6775



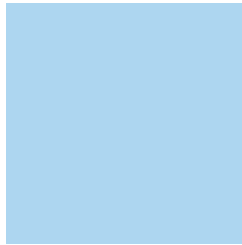
67.7840, 21.7985, 101.9214



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 204.7050, 17.4004, -27.8053 looks on a white background.

Color Contrast Check

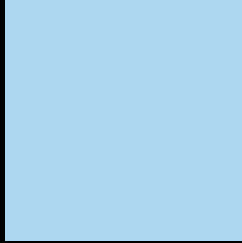
Large Text (above 18pt) WCAG AA × Fail

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 204.7050, 17.4004, -27.8053 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 204.7050, 17.4004, -27.8053

Background



This preview shows how black text looks on a background with the YUV color 204.7050, 17.4004, -27.8053.



This preview shows how white text looks on a background with the YUV color 204.7050, 17.4004, -27.8053.

-27.8053.

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

204.7050, 17.4004, -27.8053

Protanopia

208.4090, 13.1094, -4.7437

Deuteranopia

209.8380, 15.8559, 1.0191



Tritanopia

203.7820, 13.9115, -28.7498

Trichromacy



Original Color

204.7050, 17.4004, -27.8053

Protanomaly

207.1090, 14.7363, -13.2506

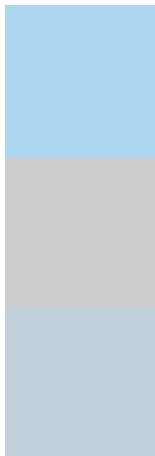
Deuteranomaly

207.8860, 16.3252, -9.5470

Tritanomaly

204.4230, 15.0745, -28.4350

Monochromacy



Original Color

204.7050, 17.4004, -27.8053

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.6550, 6.5791, -10.2214

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7050, 17.4004, -27.8053 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(173, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(173, 214, 240)  
}
```

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(173, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 214, 240) }
```

Border

The CSS property to change the border of an element to YUV 204.7050, 17.4004, -27.8053 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(173, 214, 240) }
```


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

```
.border{ border-color:rgb(173, 214, 240) }
```

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

Here you see how a box with a 4 pixel rgb(173, 214, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(173, 214,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 204.7050, 17.4004, -27.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 214, 240) }
```

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

```
.background{ background-color: rgb(173,  
214, 240) }
```

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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