

Converting Colors

YUV(204.5250, 20.4472,
-25.0164)

Have a look what the booklet for
YUV(204.5250, 20.4472, -25.0164)
contains.

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Color

**YUV(204.5250, 20.4472,
-25.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D3F6
RGB	176, 211, 246
RGB Percent	69%, 83%, 96%
CMY	0.3098, 0.1725, 0.0353
CMYK	0.28, 0.14, 0.00, 0.04
HSL	210°, 80%, 83%
HSV	210°, 28%, 96%
XYZ	57.8333, 62.4725, 96.1990
YIQ	204.5250, -32.0950, 3.4650

Conversions

Conversions Part 2

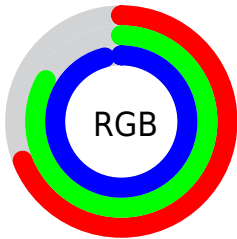
Format	Color
RYB	176, 199, 246
Decimal	11588598
CIELab	83.16, -3.74, -20.94
CIELCh	83, 21.270, 259.874
Yxy	62.4725, 0.2671, 0.2885
Android (android.graphics.Color)	4289778678 (0xFFB0D3F6)
YUV	204.5250, 20.4472, -25.0164
Hunter-Lab	79.0395, -7.7105, -16.8342

Details

The YUV color `204.5250, 20.4472, -25.0164` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `217.4750, -20.4472, 25.0164`, and the grayscale version is `204.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `248.4220, 3.2430, -13.5251`, and `150.2970, 19.5736, -24.8165` is the 20% darker color. If you saturate the color by 10%, you get `190.0060, 27.6050, -34.2083`, and if you desaturate by 10%, it is `219.0440, 13.2893, -15.8246`.

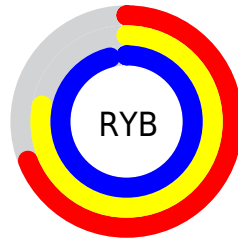
Distribution



Red (69%)

Green (83%)

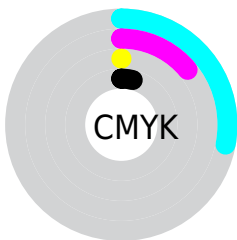
Blue (96%)



Red (69%)

Yellow (78%)

Blue (96%)

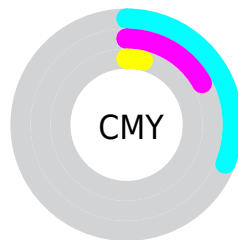


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (17%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.5250, 20.4472, -25.0164 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 204.5250, 20.4472, -25.0164 by changing the saturation by 10% instead.

■ 204.5250, 20.4472,
-25.0164

■ 204.5250, 20.4472,
-25.0164

255.0000, 0.0000,
0.0000

■ 176.7100, 19.8630,
-24.3017

■ 248.4220, 3.2430,
-13.5251

■ 150.2970, 19.5736,
-24.8165

■ 124.1830, 19.1368,
-24.7165

■ 98.0690, 18.7000,
-24.6165

■ 73.3570, 18.5580,
-25.7461

■ 48.3350, 18.5688,
-29.2348

■ 28.9010, 16.8108,

-25.3462

■ 14.0660, 13.2785,
-12.3359

■ 2.8670, 8.4466,
-2.5144

■ 204.5250, 20.4472,
-25.0164

■ 204.5250, 20.4472,
-25.0164

■ 190.0060, 27.6050,
-34.2083

■ 219.0440, 13.2893,
-15.8246

■ 175.1990, 34.9049,
-42.2705

■ 233.8510, 5.9895,
-7.7623

■ 160.6800, 42.0628,
-51.4624

■ 248.3700, -1.1684,
1.4295

■ 146.4600, 49.0732,
-60.0394

■ 253.9740, -3.9312,
0.8998

■ 131.3540, 56.5205,
-68.7165

■ 116.8350, 63.6783,
-77.9083

■ 102.6150, 70.6888,
-86.4854

■ 100.2450, 71.8572,
-87.9149

Harmonies

Analogous

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



200.7530, 17.8698, -38.3714



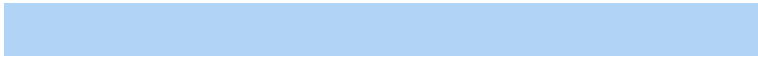
204.5250, 20.4472, -25.0164



208.0760, 18.2035, -5.3287

Triad

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



204.5250, 20.4472, -25.0164



210.4450, -8.1074, 33.8127



202.4530, -10.5763, -14.4293

Complementary

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



204.5250, 20.4472, -25.0164



217.4750, -20.4472, 25.0164

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.



205.0270, -17.7613, 3.4843



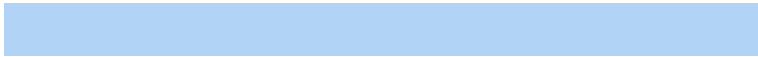
204.5250, 20.4472, -25.0164



208.7730, -15.6641, 30.8941

Square

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



204.5250, 20.4472, -25.0164



211.0450, 1.9498, 28.0245



206.7840, -19.1205, 19.4834



199.9870, -0.4866, -30.6836

Rectangle

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



204.5250, 20.4472, -25.0164



210.0130, 13.7976, 7.8816



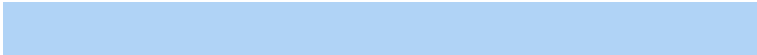
206.7840, -19.1205, 19.4834



203.3890, -13.5028, -9.1112

Sweetspot

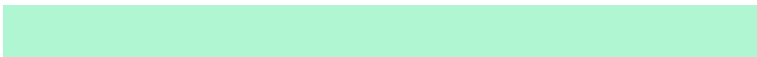
The Sweet Spot groups the original color and five complimentary colors.



204.5250, 20.4472, -25.0164



241.6660, 6.5737, -8.4771



221.0800, -4.9694, -39.5352



118.8190, 4.5262, -5.1033



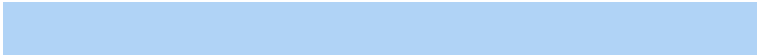
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



204.5250, 20.4472, -25.0164



203.7460, 25.2682, -31.3492



183.9800, 30.5759, -6.9985



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Inverse Universe

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



200.9200, 4.9694, 39.5352



199.0290, 6.3947, 49.0866



238.0200, -30.5759, 6.9985



114.2720, 0.8519, 6.7775



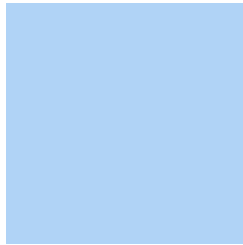
66.2160, 13.2045, 105.0506



20.9470, 3.9701, 33.3725

Previews

White Background



This preview shows how the YUV color 204.5250, 20.4472, -25.0164 looks on a white background.

Color Contrast Check

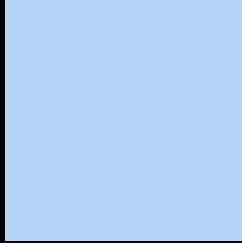
Large Text (above 18pt) WCAG AA × Fail

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 204.5250, 20.4472, -25.0164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

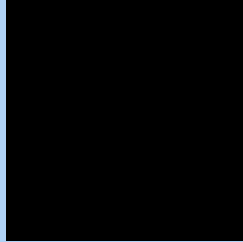
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

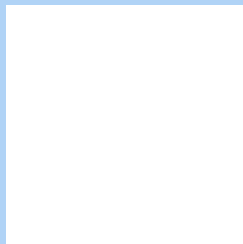
Any Text WCAG AAA ✓ Pass

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

YUV 204.5250, 20.4472, -25.0164 Background



This preview shows how black text looks on a background with the YUV color 204.5250, 20.4472, -25.0164.



This preview shows how white text looks on a background with the YUV color 204.5250, 20.4472, -25.0164.

-25.0164.

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

204.5250, 20.4472, -25.0164

Protanopia

207.7230, 16.8986, -6.7731

Deuteranopia

208.4400, 19.5031, -2.1399



Tritanopia

203.6790, 13.4693, -26.9055

Trichromacy



Original Color

204.5250, 20.4472, -25.0164

Protanomaly

206.3200, 18.0832, -13.4356

Deuteranomaly

206.7980, 19.8196, -10.3468

Tritanomaly

203.9610, 15.7952, -26.2758

Monochromacy



Original Color

204.5250, 20.4472, -25.0164

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.5950, 7.5947, -9.2918

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.5250, 20.4472, -25.0164 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(176, 211, 246)` looks like.

```
.text, #text, p{  
    color:rgb(176, 211, 246)  
}
```

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(176, 211, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 211, 246) }
```

Border

The CSS property to change the border of an element to YUV 204.5250, 20.4472, -25.0164 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(176, 211, 246) }
```


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

```
.border{ border-color:rgb(176, 211, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 211, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 211, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 211, 246); box-shadow:4px 4px 4px 4px rgb(176, 211, 246) }
```

Background

The CSS property to change the background color of an element to YUV 204.5250, 20.4472, -25.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 211, 246) }
```

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

```
.background{ background-color: rgb(176,  
211, 246) }
```

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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