

Converting Colors

YUV(204.3560, 16.5865,
-46.7932)

Have a look what the booklet for
YUV(204.3560, 16.5865, -46.7932)
contains.

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Color

**YUV(204.3560, 16.5865,
-46.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	97E1EE
RGB	151, 225, 238
RGB Percent	59%, 88%, 93%
CMY	0.4078, 0.1176, 0.0667
CMYK	0.37, 0.05, 0.00, 0.07
HSL	189°, 72%, 76%
HSV	189°, 37%, 93%
XYZ	55.1203, 66.6028, 90.8394
YIQ	204.3560, -48.2770, -11.6450

Conversions

Conversions Part 2

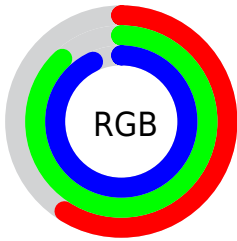
Format	Color
RYB	151, 191, 238
Decimal	9953774
CIELab	85.30, -19.69, -13.62
CIElCh	85, 23.941, 214.669
Yxy	66.6028, 0.2593, 0.3133
Android (android.graphics.Color)	4288143854 (0xFF97E1EE)
YUV	204.3560, 16.5865, -46.7932
Hunter-Lab	81.6105, -22.2583, -8.8674

Details

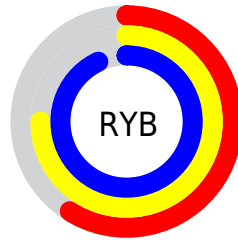
The YUV color $204.3560, 16.5865, -46.7932$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $184.6440, -16.5865, 46.7932$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9470, 6.9281, -28.8945$, and $148.9430, 16.2971, -47.3080$ is the 20% darker color. If you saturate the color by 10%, you get $194.8320, 21.2818, -59.4887$, and if you desaturate by 10%, it is $213.8800, 11.8912, -34.0978$.

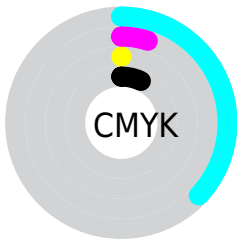
Distribution



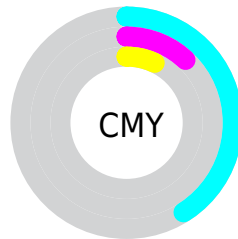
- Red (59%)
- Green (88%)
- Blue (93%)



- Red (59%)
- Yellow (75%)
- Blue (93%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.3560, 16.5865, -46.7932 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 204.3560, 16.5865, -46.7932 by changing the saturation by 10% instead.

■ 204.3560, 16.5865,
-46.7932

■ 204.3560, 16.5865,
-46.7932

255.0000, 0.0000,
0.0000

■ 176.3560, 16.5865,
-46.7932

■ 240.9470, 6.9281,
-28.8945

■ 148.9430, 16.2971,
-47.3080

■ 249.6180, 2.6533,
-11.0660

■ 121.6440, 16.4445,
-47.9228

■ 94.4480, 17.0341,
-50.3819

■ 65.8600, 18.8030,
-57.7592

■ 49.6230, 14.9759,
-43.5194

■ 33.5000, 11.5855,

-29.3795

■ 19.8390, 7.4744,
-17.3988

■ 2.0690, 5.3890,
-1.8145

■ 204.3560, 16.5865,
-46.7932

■ 204.3560, 16.5865,
-46.7932

■ 194.8320, 21.2818,
-59.4887

■ 213.8800, 11.8912,
-34.0978

■ 185.8950, 25.6878,
-72.6989

■ 222.8170, 7.4852,
-20.8875

■ 176.6700, 30.2357,
-84.7796

■ 232.0420, 2.9373,
-8.8068

■ 167.7330, 34.6416,
-97.9898

■ 240.9790, -1.4686,
4.4034

■ 158.2090, 39.3370,
-110.6853

■ 246.0180, -3.9529,
7.8772

■ 149.2720, 43.7429,
-123.8955

■ 247.7790, -4.8210,
6.3328

■ 145.7060, 45.5009,
-127.7842

■ 250.1270, -5.9786,
4.2736

■ 251.8880, -6.8468,
2.7292

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



204.2290, 5.8031, -41.4198



204.3560, 16.5865, -46.7932



207.6050, 22.3797, -38.2416

Triad

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



204.3560, 16.5865, -46.7932



217.5160, 7.6336, 24.9805



212.0560, -21.7196, 13.1059

Complementary

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



204.3560, 16.5865, -46.7932



184.6440, -16.5865, 46.7932

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.



213.9100, -20.1686, 29.0199



204.3560, 16.5865, -46.7932



215.8240, -2.8712, 34.3574

Square

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



204.3560, 16.5865, -46.7932



215.8000, 16.8606, 5.4374



214.4900, -13.0596, 35.5273



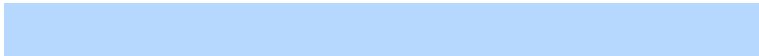
209.6020, -16.5658, -6.6670

Rectangle

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



204.3560, 16.5865, -46.7932



210.2800, 22.0470, -24.8016



214.4900, -13.0596, 35.5273



212.3880, -21.8833, 18.9537

Sweetspot

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



204.3560, 16.5865, -46.7932



244.2800, 5.2850, -15.1546



203.4370, -19.9354, -45.9872



121.1560, 3.3741, -8.9068



0.0000, 0.0000, 0.0000



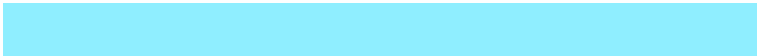
128.0000, 0.0000, 0.0000

Same Dimension

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



204.3560, 16.5865, -46.7932



211.5330, 21.4292, -60.1034



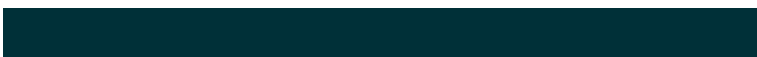
179.7020, 28.7409, -25.1717



115.2380, 2.3477, -6.3477



112.5480, 35.2258, -98.7046



34.5600, 10.5699, -30.3091

Inverse Universe

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



185.4490, 19.4986, 46.0872



187.3180, 24.9862, 59.3571



209.2980, -28.7409, 25.1717



112.7280, 2.5991, 6.3775



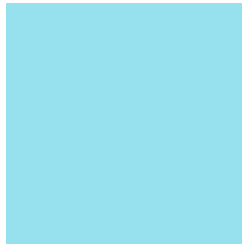
72.8000, 41.0176, 97.5224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 204.3560, 16.5865, -46.7932 looks on a white background.

Color Contrast Check

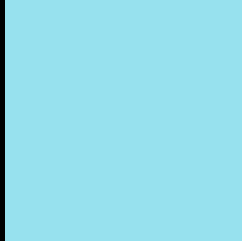
Large Text (above 18pt) WCAG AA × Fail

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 204.3560, 16.5865, -46.7932 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 204.3560, 16.5865, -46.7932

Background



This preview shows how black text looks on a background with the YUV color 204.3560, 16.5865, -46.7932.



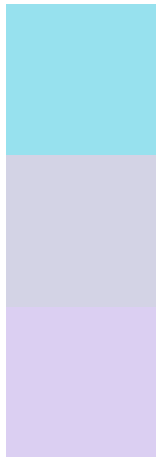
This preview shows how white text looks on a background with the YUV color 204.3560, 16.5865, -46.7932.

-46.7932.

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

204.3560, 16.5865, -46.7932

Protanopia

213.0520, 7.8624, -1.7996

Deuteranopia

214.5780, 13.5190, 3.8781



Tritanopia

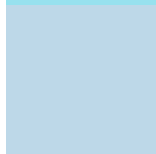
204.5240, 18.4757, -46.0635

Trichromacy



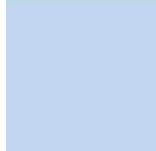
Original Color

204.3560, 16.5865, -46.7932



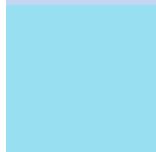
Protanomaly

209.7510, 10.9688, -18.1986



Deuteranomaly

211.0980, 14.7417, -14.9949



Tritanomaly

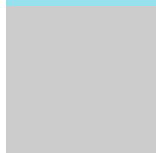
204.4100, 18.0389, -45.9636

Monochromacy



Original Color

204.3560, 16.5865, -46.7932



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.3830, 5.7272, -16.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.3560, 16.5865, -46.7932 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(151, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(151, 225, 238)  
}
```

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(151, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 225, 238) }
```

Border

The CSS property to change the border of an element to YUV 204.3560, 16.5865, -46.7932 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(151, 225, 238) }
```


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

```
.border{ border-color:rgb(151, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 225, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 225, 238); box-shadow:4px 4px 4px 4px rgb(151, 225, 238) }
```

Background

The CSS property to change the background color of an element to YUV 204.3560, 16.5865, -46.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 225, 238) }
```

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

```
.background{ background-color: rgb(151,  
225, 238) }
```

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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