

Converting Colors

XYZ(61.4134, 83.7771, 56.8441)

Have a look what the booklet for
XYZ(61.4134, 83.7771, 56.8441)
contains.

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Color

**XYZ(61.3341, 83.7404,
56.6469)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFFB5
RGB	173, 255, 181
RGB Percent	68%, 100%, 71%
CMY	0.3216, 0.0000, 0.2902
CMYK	0.32, 0.00, 0.29, 0.00
HSL	126°, 100%, 84%
HSV	126°, 32%, 100%
XYZ	61.3341, 83.7404, 56.6469
YIQ	222.0460, -25.1180, -40.3980

Conversions

Conversions Part 2

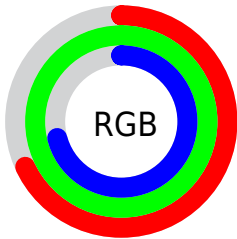
Format	Color
RYB	173, 248, 255
Decimal	11403189
CIELab	93.34, -39.21, 27.66
CIELCh	93, 47.982, 144.801
Yxy	83.7404, 0.3041, 0.4151
Android (android.graphics.Color)	4289593269 (0xFFADFFB5)
YUV	222.0460, -20.2357, -43.0133
Hunter-Lab	91.5098, -40.5031, 27.3548

Details

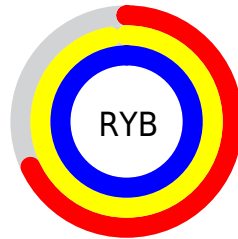
The XYZ color **61.3341, 83.7404, 56.6469** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72.9723, 57.8631, 95.3178**, and the grayscale version is **69.6145, 73.2399, 79.7583**.

A 20% lighter version of the original color is **83.6792, 94.4574, 93.9425**, and **31.5616, 45.7982, 27.5985** is the 20% darker color. If you saturate the color by 10%, you get **54.0535, 80.2378, 44.9820**, and if you desaturate by 10%, it is **70.0820, 87.9544, 70.4189**.

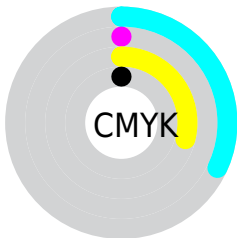
Distribution



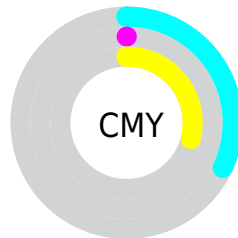
- Red (68%)
- Green (100%)
- Blue (71%)



- Red (68%)
- Yellow (97%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3341, 83.7404, 56.6469 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 XYZ color 61.3341, 83.7404, 56.6469 by changing the saturation by 10% instead.


 61.3341, 83.7404,
56.6469

 61.3341, 83.7404,
56.6469


419.2543,
507.4508, 429.5815

 44.7484, 62.8011,
40.3143


 105.8579,
138.6120, 101.4450

 31.4597, 45.6803,
27.4681


134.5268,
173.3131, 130.7476

 21.1027, 31.9936,
17.6895


167.9540,
213.3702, 165.2107

 13.3120, 21.3566,
10.5602

206.5051,
259.1678, 205.2527

 7.7222, 13.3849,
5.6615

250.5453,
311.0903, 251.2923

 3.9680, 7.6942,
2.5749

300.4400,

 1.6841, 3.8999,

369.5220, 303.7479

0.8795

356.5545,
434.8474, 363.0381

■ 0.4463, 1.6177,
0.0000

■ 0.0000, 0.3695,
0.0000

■ 61.3341, 83.7404,
56.6469

■ 61.3341, 83.7404,
56.6469

■ 54.0535, 80.2378,
44.9820

■ 70.0820, 87.9544,
70.4189

■ 48.1579, 77.4064,
35.3165

■ 80.3697, 92.9151,
86.3905

■ 43.5596, 75.2032,
27.5393

■ 92.2673, 98.6566,
104.6535

■ 40.1599, 73.5802,
21.5270

95.0500, 100.0000,
108.9000

■ 37.8461, 72.4820,
17.1411

■ 36.4833, 71.8427,
14.2230

■ 35.9342, 71.5897,
12.8372

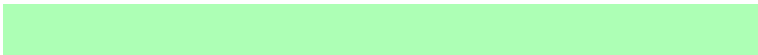
Harmonies

Analogous

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



69.8245, 83.7404, 41.4553



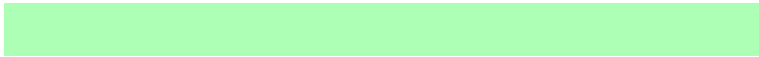
61.3341, 83.7404, 56.6469



57.7540, 83.7404, 85.0146

Triad

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



61.3341, 83.7404, 56.6469



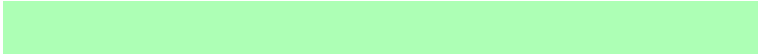
77.4101, 83.7404, 179.5773



103.7636, 83.7404, 64.9812

Complementary

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



61.3341, 83.7404, 56.6469



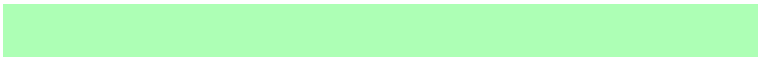
72.9723, 57.8631, 95.3178

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.



106.3411, 83.7404, 97.6345



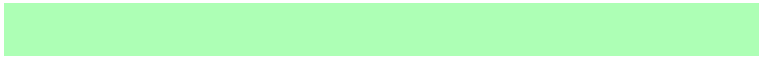
61.3341, 83.7404, 56.6469



90.2320, 83.7404, 170.1093

Square

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



61.3341, 83.7404, 56.6469



66.3860, 83.7404, 160.7263



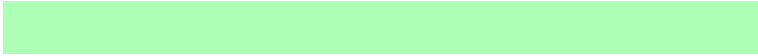
101.1569, 83.7404, 137.4873



94.4442, 83.7404, 45.2986

Rectangle

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



61.3341, 83.7404, 56.6469



58.3265, 83.7404, 110.1471



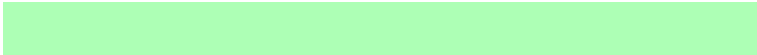
101.1569, 83.7404, 137.4873



105.4862, 83.7404, 74.5241

Sweetspot

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



61.3347, 83.7407, 56.6482



82.7967, 94.0859, 90.1316



82.0736, 94.5242, 53.4553



17.3815, 19.9740, 18.7673



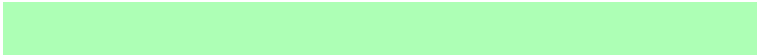
0.0000, 0.0000, 0.0000



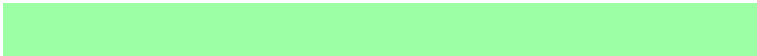
20.3446, 21.4041, 23.3091

Same Dimension

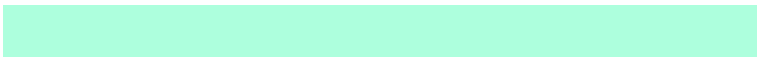
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3347, 83.7407, 56.6482



56.1980, 81.2690, 48.4429



66.0230, 85.6160, 81.3365



17.8435, 20.1969, 19.4791



18.8000, 37.4166, 6.8323



1.8534, 3.6523, 0.7859

Inverse Universe

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



72.9723, 57.8631, 95.3178



69.5798, 51.4969, 92.8964



67.4669, 55.6610, 66.3267



18.7118, 18.2680, 22.3652



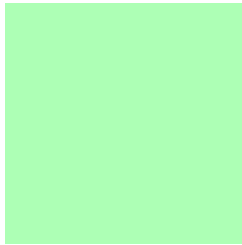
29.0519, 14.1101, 40.5195



2.8499, 1.3823, 4.0572

Previews

White Background



This preview shows how the XYZ color 61.3341, 83.7404, 56.6469 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 XYZ color 61.3341, 83.7404, 56.6469 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](#).

XYZ 61.3341, 83.7404, 56.6469

Background



This preview shows how black text looks on a background with the XYZ color 61.3341, 83.7404, 56.6469.



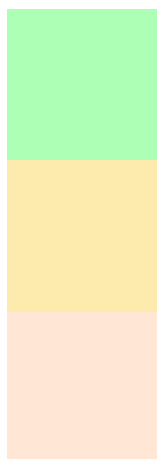
This preview shows how white text looks on a background with the XYZ color 61.3341, 83.7404,

56.6469.

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

61.3341, 83.7404, 56.6469

Protanopia

77.2996, 83.0907, 50.9937

Deuteranopia

81.5471, 82.6577, 74.6073



Tritanopia

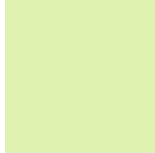
74.6821, 83.1097, 106.7134

Trichromacy



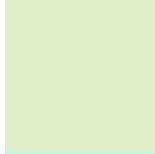
Original Color

61.3341, 83.7404, 56.6469



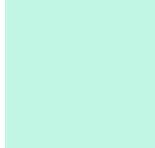
Protanomaly

69.9214, 82.2874, 52.7552



Deuteranomaly

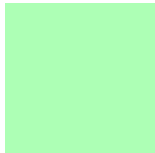
72.4605, 81.9576, 67.2587



Tritanomaly

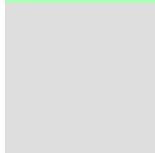
68.9517, 82.8504, 85.7564

Monochromacy



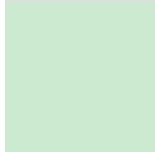
Original Color

61.3341, 83.7404, 56.6469



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.5871, 76.1880, 70.2804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3341, 83.7404, 56.6469 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, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 181)  
}
```

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, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 181) }
```

Border

The CSS property to change the border of an element to XYZ 61.3341, 83.7404, 56.6469 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, 255, 181) }
```


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

```
.border{ border-color:rgb(173, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3341, 83.7404, 56.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 181) }
```

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

```
.background{ background-color: rgb(173,  
255, 181) }
```

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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