

Converting Colors

XYZ(60.7259, 79.4796, 36.4897)

Have a look what the booklet for
XYZ(60.7259, 79.4796, 36.4897)
contains.

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Color

**XYZ(60.9047, 79.7814,
36.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F68B
RGB	198, 246, 139
RGB Percent	78%, 96%, 55%
CMY	0.2235, 0.0353, 0.4549
CMYK	0.20, 0.00, 0.43, 0.04
HSL	87°, 86%, 75%
HSV	87°, 43%, 96%
XYZ	60.9047, 79.7814, 36.6154
YIQ	219.4500, 5.7390, -43.4530

Conversions

Conversions Part 2

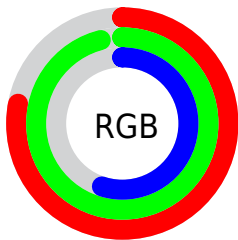
Format	Color
RYB	139, 246, 187
Decimal	13039243
CIELab	91.59, -32.67, 46.41
CIELCh	92, 56.761, 125.143
Yxy	79.7814, 0.3435, 0.4500
Android (android.graphics.Color)	4291229323 (0xFFC6F68B)
YUV	219.4500, -39.6618, -18.8116
Hunter-Lab	89.3204, -34.5974, 38.2194

Details

The XYZ color **60.9047, 79.7814, 36.6154** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.3640, 35.6861, 91.6377**, and the grayscale version is **67.9107, 71.4474, 77.8062**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **31.0732, 42.8341, 15.6469** is the 20% darker color. If you saturate the color by 10%, you get **56.5023, 77.6992, 28.0594**, and if you desaturate by 10%, it is **65.9275, 82.1417, 47.3147**.

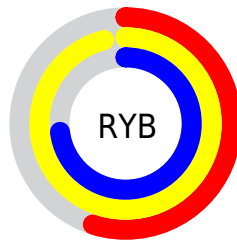
Distribution



Red (78%)

Green (96%)

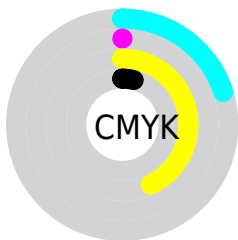
Blue (55%)



Red (55%)

Yellow (96%)

Blue (73%)

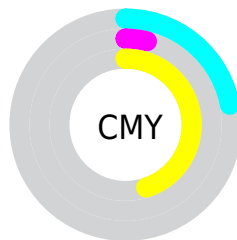


Cyan (20%)

Magenta (0%)

Yellow (43%)

Black (4%)



Cyan (22%)

Magenta (4%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9047, 79.7814, 36.6154 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 60.9047, 79.7814, 36.6154 by changing the saturation by 10% instead.


 60.9047, 79.7814,
36.6154


 60.9047, 79.7814,
36.6154


417.7060,
494.1958, 346.7608


 44.4005, 59.5385,
24.6164


 105.2398,
133.0583, 71.1606

 31.1848, 43.0467,
15.5751


 133.8015,
166.8612, 94.5438

 20.8921, 29.9218,
9.0729


 167.1130,
205.9528, 122.5589

 13.1572, 19.7792,
4.6913

205.5397,
250.7175, 155.6244

 7.6146, 12.2347,
2.0117

249.4470,
301.5398, 194.1588

 3.8991, 6.9037,
0.5625

299.2003,

 1.6452, 3.4020,

358.8040, 238.5806

0.0000

355.1648,
422.8945, 289.3085

■ 0.4216, 1.3450,
0.0000

■ 0.0000, 0.1757,
0.0000

■ 60.9047, 79.7814,
36.6154

■ 60.9047, 79.7814,
36.6154

■ 56.5023, 77.6992,
28.0594

■ 65.9275, 82.1417,
47.3147

■ 52.6825, 75.8713,
21.4967


■ 71.5941, 84.7817,
60.2834


■ 49.4117, 74.2865,
16.7661


■ 77.9336, 87.7164,
75.6442

■ 46.6493, 72.9279,
13.6793

■ 84.9713, 90.9563,
93.5093

 44.3470, 71.7756,
12.0070

 91.5824, 94.0521,
107.9347

 43.0522, 71.1190,
11.4582

 92.2475, 94.3949,
107.9658

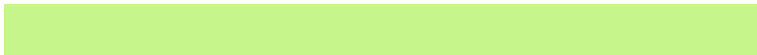
Harmonies

Analogous

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



73.3611, 79.7814, 29.1914



60.9047, 79.7814, 36.6154



53.2669, 79.7814, 57.4743

Triad

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



60.9047, 79.7814, 36.6154



64.7172, 79.7814, 181.1747



107.0804, 79.7814, 79.9141

Complementary

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



60.9047, 79.7814, 36.6154



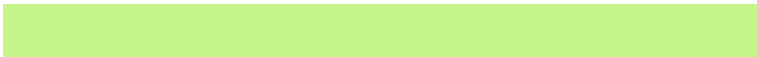
46.3640, 35.6861, 91.6377

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.



104.0046, 79.7814, 124.8859



60.9047, 79.7814, 36.6154



78.3534, 79.7814, 192.9565

Square

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



60.9047, 79.7814, 36.6154



55.2638, 79.7814, 141.3309



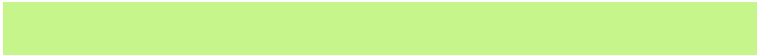
93.0135, 79.7814, 169.7543



100.9537, 79.7814, 48.5763

Rectangle

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



60.9047, 79.7814, 36.6154



51.3315, 79.7814, 80.2900



93.0135, 79.7814, 169.7543



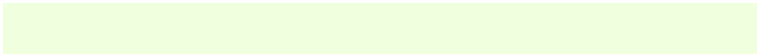
107.0956, 79.7814, 93.7967

Sweetspot

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



60.9067, 79.7849, 36.6171



84.9033, 95.3335, 82.9282



60.0950, 56.3112, 32.1290



17.8318, 20.2478, 16.9059



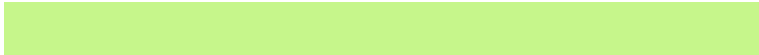
0.0000, 0.0000, 0.0000



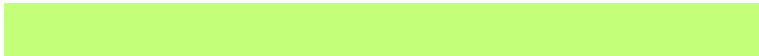
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9067, 79.7849, 36.6171



61.9356, 84.6054, 31.6087



49.4962, 73.9026, 36.0831



17.1558, 18.9224, 17.5457



23.1424, 38.0432, 6.1233



2.1522, 3.4046, 0.5437

Inverse Universe

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



46.3640, 35.6861, 91.6377



44.3240, 31.1691, 98.2878



61.4219, 43.4487, 92.3424



16.2871, 16.2906, 20.8286



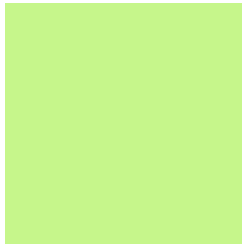
12.4917, 5.4140, 46.9246



1.2144, 0.5359, 4.1297

Previews

White Background



This preview shows how the XYZ color 60.9047, 79.7814, 36.6154 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 60.9047, 79.7814, 36.6154 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

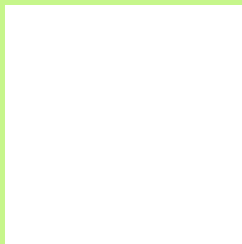
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9047, 79.7814, 36.6154

Background



This preview shows how black text looks on a background with the XYZ color 60.9047, 79.7814, 36.6154.

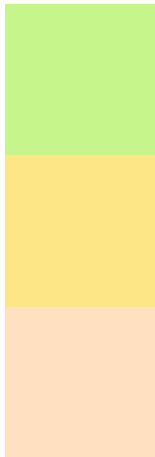


This preview shows how white text looks on a background with the XYZ color 60.9047, 79.7814,

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

60.9047, 79.7814, 36.6154

Protanopia

72.6753, 78.9825, 33.6051

Deuteranopia

77.9028, 79.0055, 62.1826



Tritanopia

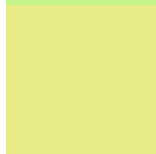
74.2831, 79.5390, 102.7042

Trichromacy



Original Color

60.9047, 79.7814, 36.6154



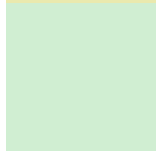
Protanomaly

67.6473, 78.8960, 34.5847



Deuteranomaly

70.7106, 78.8262, 51.5325



Tritanomaly

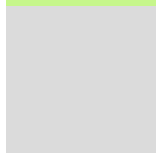
68.2198, 79.2121, 72.6667

Monochromacy



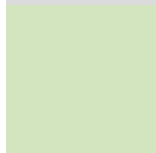
Original Color

60.9047, 79.7814, 36.6154



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.1775, 73.6052, 59.5399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9047, 79.7814, 36.6154 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(198, 246, 139)` looks like.

```
.text, #text, p{  
    color:rgb(198, 246, 139)  
}
```

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(198, 246, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 246, 139) }
```

Border

The CSS property to change the border of an element to XYZ 60.9047, 79.7814, 36.6154 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(198, 246, 139) }
```


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

```
.border{ border-color:rgb(198, 246, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 246, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 246, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 246, 139);  
box-shadow:4px 4px 4px 4px rgb(198, 246,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9047, 79.7814, 36.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 246, 139) }
```

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

```
.background{ background-color: rgb(198,  
246, 139) }
```

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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