

Converting Colors

XYZ(60.2363, 78.1154, 33.9682)

Have a look what the booklet for
XYZ(60.2363, 78.1154, 33.9682)
contains.

XYZ(60.3716, 78.2121, 34.1048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.3716, 78.2121,
34.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F385
RGB	201, 243, 133
RGB Percent	79%, 95%, 52%
CMY	0.2118, 0.0470, 0.4784
CMYK	0.17, 0.00, 0.45, 0.05
HSL	83°, 82%, 74%
HSV	83°, 45%, 95%
XYZ	60.3716, 78.2121, 34.1048
YIQ	217.9020, 10.2780, -43.1140

Conversions

Conversions Part 2

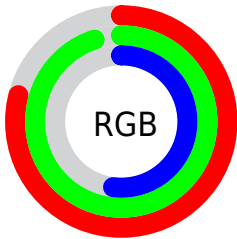
Format	Color
RYB	133, 243, 175
Decimal	13235077
CIELab	90.88, -30.87, 48.44
CIElCh	91, 57.446, 122.509
Yxy	78.2121, 0.3496, 0.4529
Android (android.graphics.Color)	4291425157 (0xFFC9F385)
YUV	217.9020, -41.8567, -14.8231
Hunter-Lab	88.4376, -32.9135, 39.0419

Details

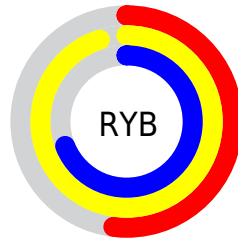
The XYZ color **60.3716, 78.2121, 34.1048** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **42.2475, 32.3622, 88.8182**, and the grayscale version is **66.8492, 70.3306, 76.5900**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **30.8953, 42.1396, 14.0948** is the 20% darker color. If you saturate the color by 10%, you get **56.4641, 76.3723, 26.1495**, and if you desaturate by 10%, it is **64.8220, 80.2919, 44.1157**.

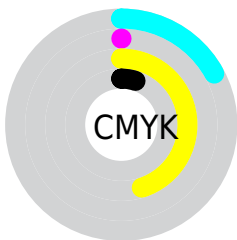
Distribution



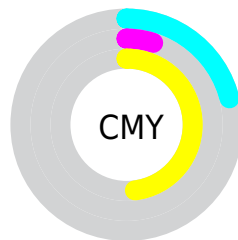
- Red (79%)
- Green (95%)
- Blue (52%)



- Red (52%)
- Yellow (95%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (45%)
- Black (5%)





- Cyan (21%)
- Magenta (5%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3716, 78.2121, 34.1048 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 60.3716, 78.2121, 34.1048 by changing the saturation by 10% instead.


 60.3716, 78.2121,
34.1048


 60.3716, 78.2121,
34.1048


415.7789,
488.8868, 335.3825


 43.9688, 58.2482,
22.6961


 104.4718,
130.8491, 67.2324

 30.8438, 42.0082,
14.1661


 132.9000,
164.2910, 89.7883

 20.6312, 29.1077,
8.0962


 166.0673,
202.9943, 116.8971

 12.9656, 19.1623,
4.0679

204.3391,
247.3435, 148.9773

 7.4817, 11.7876,
1.6627

248.0809,
297.7230, 186.4474

 3.8141, 6.5992,
0.3350

297.6579,

 1.5975, 3.2128,

354.5171, 229.7259

0.0000

353.4354,
418.1103, 279.2314

0.3908, 1.2438,
0.0000

0.0000, 0.0970,
0.0000

60.3716, 78.2121,
34.1048

60.3716, 78.2121,
34.1048

56.4641, 76.3723,
26.1495

64.8220, 80.2919,
44.1157

53.0641, 74.7498,
20.1017


69.8367, 82.6124,
56.3068


50.1400, 73.3345,
15.8014


75.4427, 85.1875,
70.7984


47.6533, 72.1107,
13.0603

81.6634, 88.0267,
87.7008

 45.5571, 71.0592,
11.6467

 88.5207, 91.1391,
107.1172

 44.6689, 70.6086,
11.2745

 91.3422, 92.5845,
107.6641

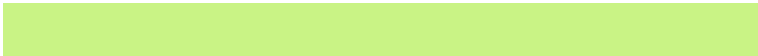
Harmonies

Analogous

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



73.1274, 78.2121, 27.7998



60.3716, 78.2121, 34.1048



52.2969, 78.2121, 53.4318

Triad

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



60.3716, 78.2121, 34.1048



62.2258, 78.2121, 177.1512



105.7263, 78.2121, 81.7203

Complementary

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



60.3716, 78.2121, 34.1048



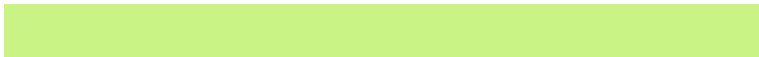
42.2475, 32.3622, 88.8182

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.



101.8374, 78.2121, 127.4688



60.3716, 78.2121, 34.1048



75.5624, 78.2121, 192.0827

Square

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



60.3716, 78.2121, 34.1048



53.2659, 78.2121, 135.5357



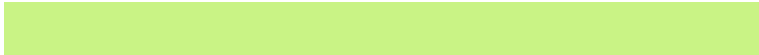
90.3082, 78.2121, 171.5298



100.3430, 78.2121, 49.1267

Rectangle

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



60.3716, 78.2121, 34.1048



50.0343, 78.2121, 75.1928



90.3082, 78.2121, 171.5298



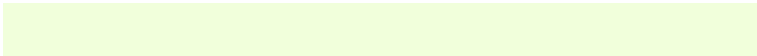
105.4601, 78.2121, 95.9705

Sweetspot

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



60.3735, 78.2156, 34.1065



84.9870, 95.4158, 81.1629



56.2062, 50.7659, 29.0278



17.8850, 20.2829, 16.5604



0.0000, 0.0000, 0.0000



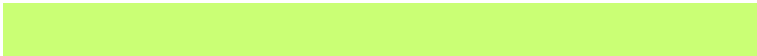
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3735, 78.2156, 34.1065



63.4590, 85.4264, 30.0666



48.4392, 72.0632, 33.5480



17.2660, 18.9792, 17.5509



24.6696, 38.8304, 6.1948



2.2825, 3.4717, 0.5498

Inverse Universe

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



42.2475, 32.3622, 88.8182



40.9984, 28.5455, 97.9567



56.6689, 39.7967, 89.4931



16.1793, 16.2351, 20.8235



11.4835, 4.8943, 46.8775



1.1200, 0.4873, 4.1253

Previews

White Background



This preview shows how the XYZ color 60.3716, 78.2121, 34.1048 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 60.3716, 78.2121, 34.1048 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

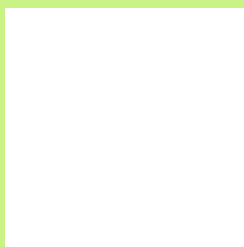
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3716, 78.2121, 34.1048

Background



This preview shows how black text looks on a background with the XYZ color 60.3716, 78.2121, 34.1048.



This preview shows how white text looks on a background with the XYZ color 60.3716, 78.2121,

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

60.3716, 78.2121, 34.1048

Protanopia

71.4233, 77.5545, 31.6272

Deuteranopia

76.7048, 77.6662, 58.5252



Tritanopia

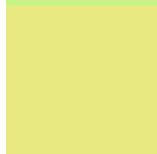
73.5590, 77.9699, 99.9797

Trichromacy



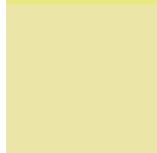
Original Color

60.3716, 78.2121, 34.1048



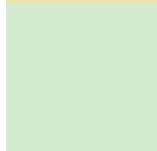
Protanomaly

66.7725, 77.2132, 32.5034



Deuteranomaly

69.6256, 77.0829, 48.2546



Tritanomaly

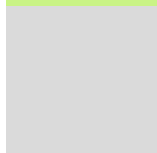
67.7129, 77.7218, 69.8255

Monochromacy



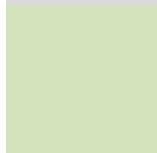
Original Color

60.3716, 78.2121, 34.1048



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.5901, 72.5231, 57.6605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3716, 78.2121, 34.1048 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(201, 243, 133)` looks like.

```
.text, #text, p{  
    color:rgb(201, 243, 133)  
}
```

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(201, 243, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 243, 133) }
```

Border

The CSS property to change the border of an element to XYZ 60.3716, 78.2121, 34.1048 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(201, 243, 133) }
```


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

```
.border{ border-color:rgb(201, 243, 133) }
```

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

Here you see how a box with a 4 pixel rgb(201, 243, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 243, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 243, 133);  
box-shadow:4px 4px 4px 4px rgb(201, 243,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3716, 78.2121, 34.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 243, 133) }
```

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

```
.background{ background-color: rgb(201,  
243, 133) }
```

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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