

Converting Colors

XYZ(52.9312, 67.9064, 21.5509)

Have a look what the booklet for
XYZ(52.9312, 67.9064, 21.5509)
contains.

XYZ(52.9155, 67.8070, 21.6084)	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(52.9155, 67.8070,
21.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E361
RGB	198, 227, 97
RGB Percent	78%, 89%, 38%
CMY	0.2235, 0.1098, 0.6196
CMYK	0.13, 0.00, 0.57, 0.11
HSL	73°, 70%, 64%
HSV	73°, 57%, 89%
XYZ	52.9155, 67.8070, 21.6084
YIQ	203.5090, 24.4460, -46.5780

Conversions

Conversions Part 2

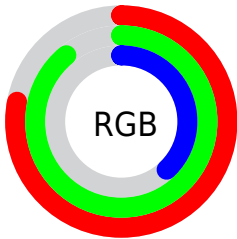
Format	Color
RYB	97, 227, 126
Decimal	13034337
CIELab	85.91, -27.94, 59.05
CIELCh	86, 65.325, 115.324
Yxy	67.8070, 0.3718, 0.4764
Android (android.graphics.Color)	4291224417 (0xFFC6E361)
YUV	203.5090, -52.5089, -4.8314
Hunter-Lab	82.3450, -29.3984, 42.0830

Details

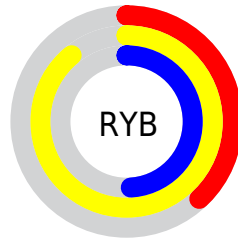
The XYZ color **52.9155, 67.8070, 21.6084** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **26.7465, 18.5328, 74.8445**, and the grayscale version is **57.3961, 60.3851, 65.7594**.

A 20% lighter version of the original color is **82.6675, 95.0470, 43.6946**, and **26.1373, 35.3279, 7.5392** is the 20% darker color. If you saturate the color by 10%, you get **50.6926, 66.7686, 16.7481**, and if you desaturate by 10%, it is **55.4891, 68.9957, 28.0683**.

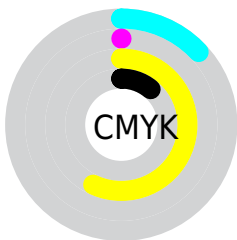
Distribution



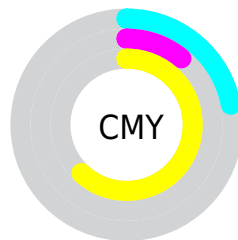
- Red (78%)
- Green (89%)
- Blue (38%)



- Red (38%)
- Yellow (89%)
- Blue (49%)



- Cyan (13%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9155, 67.8070, 21.6084 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 52.9155, 67.8070, 21.6084 by changing the saturation by 10% instead.

■ 52.9155, 67.8070,
21.6084

■ 52.9155, 67.8070,
21.6084

388.2270,
452.8119, 273.3808

■ 37.9625, 49.7407,
13.3739

■ 93.6463, 116.0760,
46.9918

■ 26.1307, 35.2074,
7.5528

■ 120.1548,
147.0475, 64.9777

■ 17.0546, 23.8227,
3.7265

■ 151.2459,
183.0896, 87.0512

■ 10.3690, 15.2022,
1.4765

■ 187.2848,
224.5866, 113.6308

■ 5.7084, 8.9614,
0.2004

228.6371,
271.9229, 145.1350

■ 2.7076, 4.7160,
0.0000

275.6680,

■ 1.0011, 2.0816,

325.4830, 181.9824

0.0000

328.7428,
385.6512, 224.5915

0.0000, 0.6543,
0.0000

0.0000, 0.0000,
0.0000

52.9155, 67.8070,
21.6084

52.9155, 67.8070,
21.6084

50.6926, 66.7686,
16.7481

55.4891, 68.9957,
28.0683

48.7886, 65.8604,
13.3430


58.4324, 70.3350,
36.2472


47.1733, 65.0728,
11.2301


61.7688, 71.8369,
46.2580


45.8051, 64.3890,
10.1922


65.5179, 73.5091,
58.2029

 45.4558, 64.2129,
9.9986

 69.6981, 75.3591,
72.1765

 74.3267, 77.3939,
88.2671

 79.2733, 79.5613,
105.7865

 80.9550, 80.4283,
105.8652

 82.6845, 81.3199,
105.9461

Harmonies

Analogous

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



66.8211, 67.8070, 18.4129



52.9155, 67.8070, 21.6084



43.5764, 67.8070, 36.1911

Triad

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



52.9155, 67.8070, 21.6084



49.4348, 67.8070, 164.3670



97.5636, 67.8070, 80.7491

Complementary

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



52.9155, 67.8070, 21.6084



26.7465, 18.5328, 74.8445

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.



91.1045, 67.8070, 131.2894



52.9155, 67.8070, 21.6084



62.1327, 67.8070, 190.0719

Square

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



52.9155, 67.8070, 21.6084



41.7955, 67.8070, 114.9513



77.5462, 67.8070, 176.0807



94.0890, 67.8070, 43.9120

Rectangle

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



52.9155, 67.8070, 21.6084



40.4430, 67.8070, 54.8707



77.5462, 67.8070, 176.0807



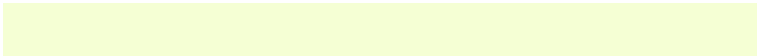
96.4571, 67.8070, 96.7203

Sweetspot

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



52.9171, 67.8101, 21.6098



85.3702, 95.7273, 76.0339



41.1934, 31.9055, 15.2974



18.0516, 20.3913, 15.5549



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.



52.9171, 67.8101, 21.6098



65.4160, 86.6450, 20.6831



39.4341, 60.8593, 20.9788



15.2705, 16.6465, 15.3127



26.6131, 37.5010, 5.8358



2.0442, 2.8112, 0.4349

Inverse Universe

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



26.7465, 18.5328, 74.8445



28.3626, 16.6923, 96.3348



39.4190, 25.0657, 75.4376



13.8821, 14.0414, 18.1229



8.9545, 3.6821, 42.6219



0.7406, 0.3128, 3.1533

Previews

White Background



This preview shows how the XYZ color 52.9155, 67.8070, 21.6084 looks on a white background.

Color Contrast Check

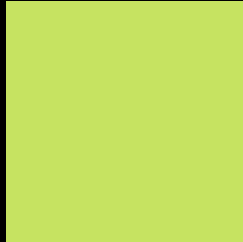
Large Text (above 18pt) WCAG AA × Fail

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 52.9155, 67.8070, 21.6084 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 52.9155, 67.8070, 21.6084

Background



This preview shows how black text looks on a background with the XYZ color 52.9155, 67.8070, 21.6084.



This preview shows how white text looks on a background with the XYZ color 52.9155, 67.8070,

21.6084.

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

52.9155, 67.8070, 21.6084

Protanopia

61.5361, 67.5683, 20.1546

Deuteranopia

67.7552, 67.1802, 32.6885



Tritanopia

65.5177, 67.4478, 84.4285

Trichromacy



Original Color

52.9155, 67.8070, 21.6084

Protanomaly

57.7833, 67.1592, 20.5072

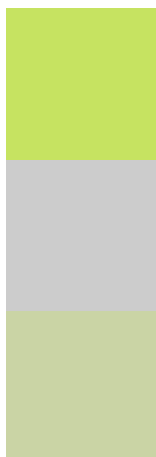
Deuteranomaly

61.4911, 66.9907, 28.1019

Tritanomaly

59.5273, 66.9301, 54.0373

Monochromacy



Original Color

52.9155, 67.8070, 21.6084

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

54.6921, 62.3601, 44.7514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9155, 67.8070, 21.6084 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, 227, 97)` looks like.

```
.text, #text, p{  
    color:rgb(198, 227, 97)  
}
```

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, 227, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 227, 97) }
```

Border

The CSS property to change the border of an element to XYZ 52.9155, 67.8070, 21.6084 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, 227, 97) }
```


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

```
.border{ border-color:rgb(198, 227, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 227, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 227, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 227, 97);  
box-shadow:4px 4px 4px 4px rgb(198, 227,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9155, 67.8070, 21.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 227, 97) }
```

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

```
.background{ background-color: rgb(198,  
227, 97) }
```

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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