

Converting Colors

XYZ(52.5032, 67.2113, 25.5918)

Have a look what the booklet for
XYZ(52.5032, 67.2113, 25.5918)
contains.

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Color

**XYZ(52.3691, 67.0319,
25.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E270
RGB	194, 226, 112
RGB Percent	76%, 89%, 44%
CMY	0.2392, 0.1137, 0.5608
CMYK	0.14, 0.00, 0.50, 0.11
HSL	77°, 66%, 66%
HSV	77°, 50%, 89%
XYZ	52.3691, 67.0319, 25.5075
YIQ	203.4360, 17.5220, -42.2380

Conversions

Conversions Part 2

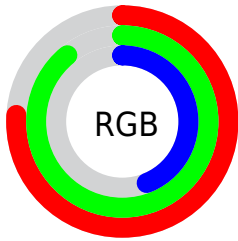
Format	Color
R_{YB}	112, 226, 144
Decimal	12771952
CIE _{Lab}	85.52, -27.68, 51.74
CIE _{LCh}	86, 58.683, 118.147
Yxy	67.0319, 0.3614, 0.4626
Android (android.graphics.Color)	4290962032 (0xFFC2E270)
YUV	203.4360, -45.0779, -8.2754
Hunter-Lab	81.8730, -29.1024, 38.8393

Details

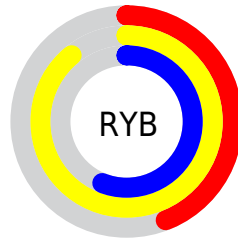
The XYZ color **52.3691, 67.0319, 25.5075** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **31.0258, 23.0104, 74.7616**, and the grayscale version is **57.3076, 60.2920, 65.6580**.

A 20% lighter version of the original color is **82.7878, 94.9686, 50.0438**, and **25.8336, 34.8449, 9.5018** is the 20% darker color. If you saturate the color by 10%, you get **49.6721, 65.7713, 19.6172**, and if you desaturate by 10%, it is **55.4548, 68.4607, 33.0671**.

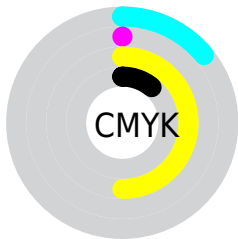
Distribution



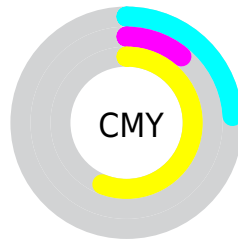
- Red (76%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)





- Cyan (24%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3691, 67.0319, 25.5075 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 52.3691, 67.0319, 25.5075 by changing the saturation by 10% instead.


 52.3691, 67.0319,
25.5075


 52.3691, 67.0319,
25.5075


386.1605,
450.0583, 293.8841


 37.5248, 49.1106,
16.2331


 92.8464, 114.9661,
53.4536

 25.7896, 34.7072,
9.5331


 119.2101,
145.7478, 72.9625

 16.7982, 23.4374,
4.9890


 150.1443,
181.5850, 96.7199

 10.1851, 14.9168,
2.1822

186.0143,
222.8622, 125.1444

 5.5851, 8.7610,
0.6641

227.1857,
269.9637, 158.6545

 2.6327, 4.5856,
0.0000

274.0235,

 0.9627, 2.0063,

323.2740, 197.6688

0.0000

326.8934,
383.1774, 242.6058

0.0000, 0.6111,
0.0000

0.0000, 0.0000,
0.0000

52.3691, 67.0319,
25.5075

52.3691, 67.0319,
25.5075

49.6721, 65.7713,
19.6172

55.4548, 68.4607,
33.0671

47.3338, 64.6598,
15.2649


58.9466, 70.0577,
42.4054


45.3276, 63.6889,
12.3070


62.8668, 71.8343,
53.6277


43.6196, 62.8451,
10.5704


67.2344, 73.7982,
66.8298


 42.2112, 62.1354,
9.7686

 72.0670, 75.9565,
82.1010

 77.3814, 78.3160,
99.5251

 80.6472, 79.8647,
105.7726

 82.8203, 80.9850,
105.8743

 85.0692, 82.1444,
105.9796

Harmonies

Analogous

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



64.5444, 67.0319, 21.4552



52.3691, 67.0319, 25.5075



44.3256, 67.0319, 40.6953

Triad

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



52.3691, 67.0319, 25.5075



51.1192, 67.0319, 154.7824



92.9180, 67.0319, 75.3865

Complementary

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



52.3691, 67.0319, 25.5075



31.0258, 23.0104, 74.7616

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.



88.0582, 67.0319, 118.9869



52.3691, 67.0319, 25.5075



62.8864, 67.0319, 173.6889

Square

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



52.3691, 67.0319, 25.5075



43.6778, 67.0319, 113.3810



76.5844, 67.0319, 158.7346



89.0908, 67.0319, 43.5452

Rectangle

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



52.3691, 67.0319, 25.5075



41.7744, 67.0319, 58.9220



76.5844, 67.0319, 158.7346



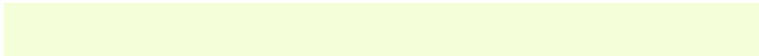
92.2340, 67.0319, 89.1275

Sweetspot

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



52.3707, 67.0349, 25.5089



85.6509, 95.7967, 79.4516



44.0237, 36.8059, 20.1141



18.0740, 20.3880, 16.2263



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.



52.3707, 67.0349, 25.5089



64.9924, 86.3272, 25.1548



40.7040, 61.0205, 24.9629



14.4771, 15.8261, 14.5985



24.2015, 35.5088, 5.5783



1.7634, 2.5056, 0.3907

Inverse Universe

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



31.0258, 23.0104, 74.7616



33.9031, 22.0795, 97.0826



43.1835, 29.2779, 75.3306



13.3115, 13.4286, 17.2781



9.1174, 3.7955, 41.3004



0.7178, 0.3073, 2.8667

Previews

White Background



This preview shows how the XYZ color 52.3691, 67.0319, 25.5075 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 52.3691, 67.0319, 25.5075 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 52.3691, 67.0319, 25.5075

Background



This preview shows how black text looks on a background with the XYZ color 52.3691, 67.0319, 25.5075.



This preview shows how white text looks on a background with the XYZ color 52.3691, 67.0319,

25.5075.

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

52.3691, 67.0319, 25.5075

Protanopia

61.0931, 66.5041, 23.8040

Deuteranopia

67.4445, 66.6719, 32.2359



Tritanopia

64.3717, 66.8570, 84.3748

Trichromacy



Original Color

52.3691, 67.0319, 25.5075

Protanomaly

57.6505, 66.6191, 24.2883

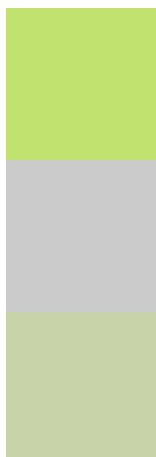
Deuteranomaly

61.2293, 66.4444, 29.6766

Tritanomaly

58.9429, 66.5680, 56.7560

Monochromacy



Original Color

52.3691, 67.0319, 25.5075

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.3694, 61.7702, 47.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3691, 67.0319, 25.5075 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(194, 226, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 112)  
}
```

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(194, 226, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 112) }
```

Border

The CSS property to change the border of an element to XYZ 52.3691, 67.0319, 25.5075 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(194, 226, 112) }
```


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

```
.border{ border-color:rgb(194, 226, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3691, 67.0319, 25.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 112) }
```

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

```
.background{ background-color: rgb(194,  
226, 112) }
```

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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