

Converting Colors

XYZ(52.1695, 73.6648, 15.9613)

Have a look what the booklet for
XYZ(52.1695, 73.6648, 15.9613)
contains.

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Color

**XYZ(52.0920, 73.4487,
15.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F13E
RGB	184, 241, 62
RGB Percent	72%, 95%, 24%
CMY	0.2784, 0.0549, 0.7568
CMYK	0.24, 0.00, 0.74, 0.05
HSL	79°, 86%, 59%
HSV	79°, 74%, 95%
XYZ	52.0920, 73.4487, 15.9889
YIQ	203.5510, 23.4870, -67.7530

Conversions

Conversions Part 2

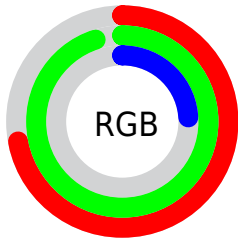
Format	Color
RYB	62, 241, 119
Decimal	12120382
CIELab	88.66, -41.95, 74.93
CIELCh	89, 85.876, 119.239
Yxy	73.4487, 0.3681, 0.5190
Android (android.graphics.Color)	4290310462 (0xFFB8F13E)
YUV	203.5510, -69.7846, -17.1462
Hunter-Lab	85.7022, -41.4820, 48.9302

Details

The XYZ color **52.0920, 73.4487, 15.9889** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **25.2105, 13.7200, 84.5428**, and the grayscale version is **57.5290, 60.5250, 65.9117**.

A 20% lighter version of the original color is **76.5811, 92.1582, 32.1644**, and **25.9531, 39.1335, 6.1857** is the 20% darker color. If you saturate the color by 10%, you get **49.7832, 72.3211, 13.1613**, and if you desaturate by 10%, it is **54.7970, 74.7515, 20.3672**.

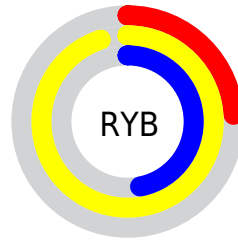
Distribution



Red (72%)

Green (95%)

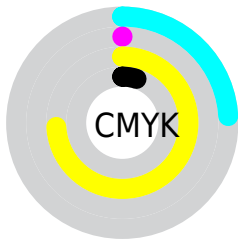
Blue (24%)



Red (24%)

Yellow (95%)

Blue (47%)

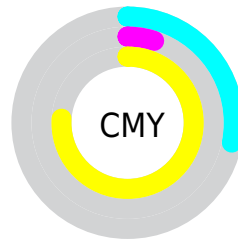


Cyan (24%)

Magenta (0%)

Yellow (74%)

Black (5%)



Cyan (28%)


Magenta (5%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0920, 73.4487, 15.9889 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 52.0920, 73.4487, 15.9889 by changing the saturation by 10% instead.


 52.0920, 73.4487,
15.9889


 52.0920, 73.4487,
15.9889


385.1098,
472.5685, 241.1197

 37.3030, 54.3429,
9.3620


 92.4403, 124.1140,
37.3455

 25.6169, 38.8759,
4.8780


 118.7303,
156.4423, 52.9122

 16.6684, 26.6632,
2.1184


 149.5847,
193.9469, 72.2960

 10.0922, 17.3204,
0.6267

 185.3689,
237.0123, 95.9154

 5.5229, 10.4632,
0.0000

 226.4481,
286.0227, 124.1890

 2.5951, 5.7072,
0.0000

273.1877,

 0.9434, 2.6678,

341.3626, 157.5351

0.0000

325.9532,
403.4164, 196.3725

0.0000, 0.9609,
0.0000

0.0000, 0.0000,
0.0000

52.0920, 73.4487,
15.9889

52.0920, 73.4487,
15.9889

49.7832, 72.3211,
13.1613

54.7970, 74.7515,
20.3672


47.8219, 71.3412,
11.6584


57.9290, 76.2342,
26.4728


46.8189, 70.8332,
11.2046


61.5208, 77.9127,
34.4635


65.6003, 79.7983,
44.4779

 70.1928, 81.9014,
56.6417

 75.3214, 84.2312,
71.0704

 81.0081, 86.7969,
87.8712

 87.2732, 89.6065,
107.1446

 90.0431, 91.0309,
107.4327

Harmonies

Analogous

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



70.3418, 73.4487, 11.5157



52.0920, 73.4487, 15.9889



40.8507, 73.4487, 34.6366

Triad

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



52.0920, 73.4487, 15.9889



51.3409, 73.4487, 223.6790



117.7441, 73.4487, 81.4996

Complementary

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



52.0920, 73.4487, 15.9889



25.2105, 13.7200, 84.5428

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.



109.9787, 73.4487, 153.7380



52.0920, 73.4487, 15.9889



69.2825, 73.4487, 257.0857

Square

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



52.0920, 73.4487, 15.9889



40.4813, 73.4487, 149.7118



91.1509, 73.4487, 226.7037



110.6973, 73.4487, 36.1625

Rectangle

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



52.0920, 73.4487, 15.9889



37.5124, 73.4487, 60.4926



91.1509, 73.4487, 226.7037



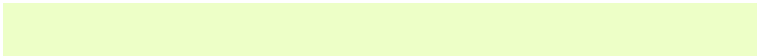
116.7584, 73.4487, 103.2424

Sweetspot

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



52.0937, 73.4520, 15.9905



81.0270, 93.6665, 67.7808



43.7071, 32.1695, 8.4642



17.0187, 19.9006, 13.6164



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.



52.0937, 73.4520, 15.9905



55.4329, 81.6375, 13.9377



37.0276, 65.6851, 15.2854



16.6049, 18.1920, 16.7860



25.5338, 38.4847, 6.0825



2.2270, 3.2546, 0.5108

Inverse Universe

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



25.2105, 13.7200, 84.5428



23.7582, 10.7809, 95.4365



43.6666, 23.2345, 85.4065



15.3711, 15.4730, 19.8981



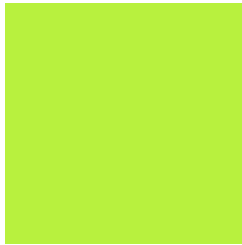
10.3823, 4.3577, 45.4218



0.9632, 0.4138, 3.7833

Previews

White Background



This preview shows how the XYZ color 52.0920, 73.4487, 15.9889 looks on a white background.

Color Contrast Check

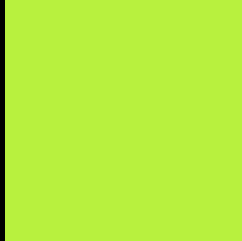
Large Text (above 18pt) WCAG AA × Fail

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 52.0920, 73.4487, 15.9889 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 52.0920, 73.4487, 15.9889

Background



This preview shows how black text looks on a background with the XYZ color 52.0920, 73.4487, 15.9889.

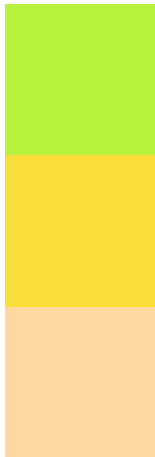


This preview shows how white text looks on a background with the XYZ color 52.0920, 73.4487,

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

52.0920, 73.4487, 15.9889

Protanopia

65.9267, 72.6777, 14.4244

Deuteranopia

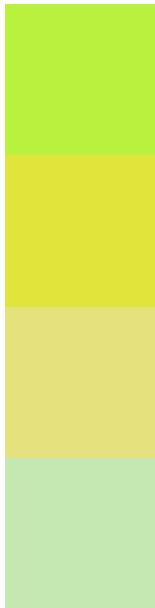
72.1410, 72.9098, 43.5285



Tritanopia

68.0047, 73.1589, 95.3309

Trichromacy



Original Color

52.0920, 73.4487, 15.9889

Protanomaly

59.8601, 72.3619, 14.9500

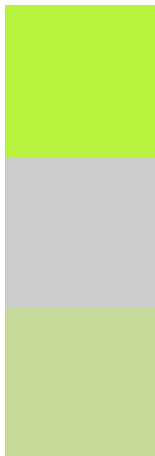
Deuteranomaly

62.8764, 71.9637, 29.6452

Tritanomaly

59.5377, 72.1965, 52.3923

Monochromacy



Original Color

52.0920, 73.4487, 15.9889

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

53.5063, 63.7630, 39.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0920, 73.4487, 15.9889 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(184, 241, 62)` looks like.

```
.text, #text, p{  
    color:rgb(184, 241, 62)  
}
```

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(184, 241, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 241, 62) }
```

Border

The CSS property to change the border of an element to XYZ 52.0920, 73.4487, 15.9889 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(184, 241, 62) }
```


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

```
.border{ border-color:rgb(184, 241, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 241, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 241, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 241, 62);  
box-shadow:4px 4px 4px 4px rgb(184, 241,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0920, 73.4487, 15.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 241, 62) }
```

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

```
.background{ background-color: rgb(184,  
241, 62) }
```

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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