

Converting Colors

XYZ(52.5312, 65.1739, 40.8215)

Have a look what the booklet for
XYZ(52.5312, 65.1739, 40.8215)
contains.

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Color

**XYZ(52.5312, 65.1739,
40.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDE9B
RGB	187, 222, 155
RGB Percent	73%, 87%, 61%
CMY	0.2667, 0.1294, 0.3921
CMYK	0.16, 0.00, 0.30, 0.13
HSL	91°, 50%, 74%
HSV	91°, 30%, 87%
XYZ	52.5312, 65.1739, 40.8215
YIQ	203.8970, 0.6470, -28.2570

Conversions

Conversions Part 2

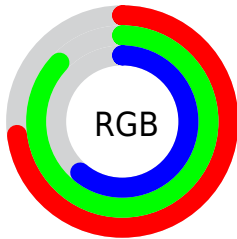
Format	Color
RYB	155, 222, 190
Decimal	12312219
CIELab	84.57, -23.18, 29.19
CIELCh	85, 37.272, 128.453
Yxy	65.1739, 0.3314, 0.4111
Android (android.graphics.Color)	4290502299 (0xFFBBDE9B)
YUV	203.8970, -24.1062, -14.8187
Hunter-Lab	80.7304, -25.1283, 26.5311

Details

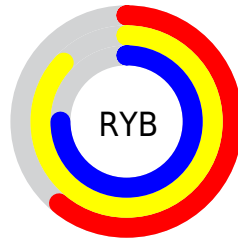
The XYZ color **52.5312, 65.1739, 40.8215** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.1441, 39.6656, 74.3350**, and the grayscale version is **57.4781, 60.4714, 65.8534**.

A 20% lighter version of the original color is **84.7011, 95.4062, 74.9238**, and **25.9398, 33.6033, 17.9509** is the 20% darker color. If you saturate the color by 10%, you get **48.1122, 63.0938, 31.7611**, and if you desaturate by 10%, it is **57.5255, 67.5150, 51.7008**.

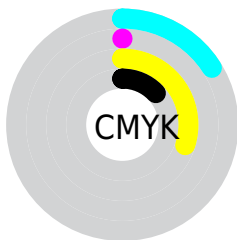
Distribution



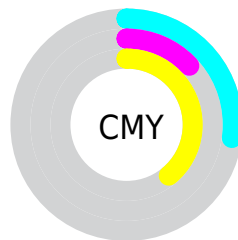
- Red (73%)
- Green (87%)
- Blue (61%)



- Red (61%)
- Yellow (87%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5312, 65.1739, 40.8215 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 52.5312, 65.1739, 40.8215 by changing the saturation by 10% instead.


 52.5312, 65.1739,
40.8215

 52.5312, 65.1739,
40.8215


386.7743,
443.4166, 365.2285

 37.6546, 47.6021,
27.8610


 93.0838, 112.2998,
77.6636

 25.8907, 33.5119,
17.9828


 119.4905,
142.6228, 102.3822

 16.8742, 22.5189,
10.7683

150.4713,
177.9649, 131.8573

 10.2396, 14.2387,
5.7990

186.3916,
218.7105, 166.5074

 5.6216, 8.2868,
2.6565

227.6167,
265.2441, 206.7510

 2.6548, 4.2790,
0.9214

274.5119,

 0.9740, 1.8308,

317.9501, 253.0067

0.0000

327.4427,
377.2128, 305.6931

0.0000, 0.5063,
0.0000

0.0000, 0.0000,
0.0000

52.5312, 65.1739,
40.8215

52.5312, 65.1739,
40.8215

48.1122, 63.0938,
31.7611

57.5255, 67.5150,
51.7008

44.2394, 61.2559,
24.4160

63.1128, 70.1181,
64.4864

40.8882, 59.6518,
18.6787

69.3159, 72.9952,
79.2652

38.0298, 58.2693,
14.4280

76.1550, 76.1550,
96.1178

■ 35.6319, 57.0949,
11.5253

■ 81.8260, 78.8762,
105.5197

■ 33.6570, 56.1128,
9.8059

■ 85.4126, 80.7252,
105.6875

■ 32.0692, 55.3108,
8.9858

Harmonies

Analogous

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



59.6265, 65.1739, 34.6417



52.5312, 65.1739, 40.8215



48.2411, 65.1739, 55.4493

Triad

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



52.5312, 65.1739, 40.8215



56.2611, 65.1739, 122.6022



79.1326, 65.1739, 64.4466

Complementary

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



52.5312, 65.1739, 40.8215



46.1441, 39.6656, 74.3350

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.



78.0276, 65.1739, 89.1307



52.5312, 65.1739, 40.8215



64.3245, 65.1739, 126.5319

Square

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



52.5312, 65.1739, 40.8215



50.2567, 65.1739, 103.3940



72.4230, 65.1739, 113.1694



75.3200, 65.1739, 46.1405

Rectangle

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



52.5312, 65.1739, 40.8215



47.3070, 65.1739, 69.7354



72.4230, 65.1739, 113.1694



79.3303, 65.1739, 72.2055

Sweetspot

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



52.5329, 65.1767, 40.8229



87.2983, 96.4055, 90.3882



54.3737, 54.5597, 38.6766



18.4313, 20.5166, 18.7520



0.0000, 0.0000, 0.0000



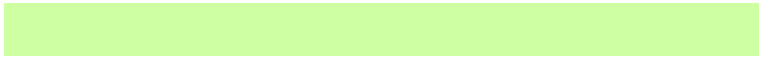
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5329, 65.1767, 40.8229



68.1323, 87.4428, 48.0316



45.6514, 61.6183, 40.9928



14.1484, 15.6567, 14.5831



19.1742, 32.9172, 5.3431



1.4320, 2.3347, 0.3752

Inverse Universe

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



46.1441, 39.6656, 74.3350



58.0923, 47.3579, 100.6869



54.8837, 44.1883, 73.9651



13.6319, 13.5938, 17.2931



12.2373, 5.4039, 41.4464



0.9515, 0.4278, 2.8777

Previews

White Background



This preview shows how the XYZ color 52.5312, 65.1739, 40.8215 looks on a white background.

Color Contrast Check

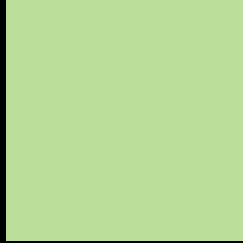
Large Text (above 18pt) WCAG AA × Fail

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 52.5312, 65.1739, 40.8215 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

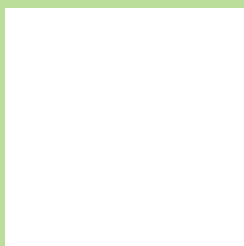
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5312, 65.1739, 40.8215

Background



This preview shows how black text looks on a background with the XYZ color 52.5312, 65.1739, 40.8215.



This preview shows how white text looks on a background with the XYZ color 52.5312, 65.1739,

40.8215.

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

52.5312, 65.1739, 40.8215

Protanopia

60.2302, 64.6261, 38.1538

Deuteranopia

66.0899, 64.7007, 41.8061



Tritanopia

61.2258, 65.2514, 83.4966

Trichromacy



Original Color

52.5312, 65.1739, 40.8215

Protanomaly

56.8654, 64.3572, 39.1308

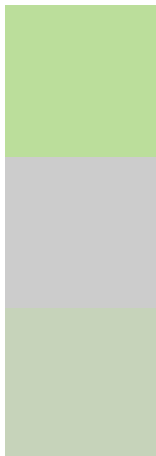
Deuteranomaly

60.3361, 64.2383, 41.5669

Tritanomaly

57.4647, 64.8453, 65.3648

Monochromacy



Original Color

52.5312, 65.1739, 40.8215

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.4459, 62.1395, 55.5262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5312, 65.1739, 40.8215 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(187, 222, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 222, 155)  
}
```

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(187, 222, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 222, 155) }
```

Border

The CSS property to change the border of an element to XYZ 52.5312, 65.1739, 40.8215 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(187, 222, 155) }
```


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

```
.border{ border-color:rgb(187, 222, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 222, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 222, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 222, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 222,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5312, 65.1739, 40.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 222, 155) }
```

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

```
.background{ background-color: rgb(187,  
222, 155) }
```

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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