

Converting Colors

XYZ(53.3468, 65.7333, 52.5240)

Have a look what the booklet for
XYZ(53.3468, 65.7333, 52.5240)
contains.

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Color

**XYZ(53.3468, 65.7333,
52.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DFB3
RGB	180, 223, 179
RGB Percent	71%, 87%, 70%
CMY	0.2941, 0.1255, 0.2980
CMYK	0.19, 0.00, 0.20, 0.13
HSL	119°, 41%, 79%
HSV	119°, 20%, 87%
XYZ	53.3468, 65.7333, 52.5240
YIQ	205.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

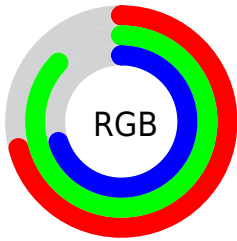
Format	Color
RYB	179, 223, 222
Decimal	11853747
CIELab	84.86, -22.30, 17.04
CIELCh	85, 28.069, 142.615
Yxy	65.7333, 0.3109, 0.3831
Android (android.graphics.Color)	4290043827 (0xFFB4DFB3)
YUV	205.1270, -12.8806, -22.0364
Hunter-Lab	81.0761, -24.4329, 18.3431

Details

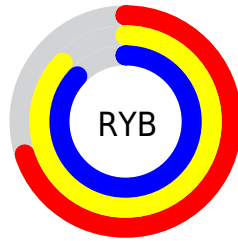
The XYZ color **53.3468, 65.7333, 52.5240** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.5662, 53.0994, 76.9251**, and the grayscale version is **58.1953, 61.2259, 66.6750**.

A 20% lighter version of the original color is **85.3475, 95.3510, 92.5036**, and **26.5209, 34.0236, 24.9081** is the 20% darker color. If you saturate the color by 10%, you get **46.5907, 62.4922, 41.3714**, and if you desaturate by 10%, it is **61.2690, 69.5372, 65.6379**.

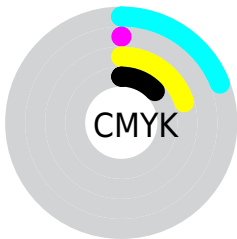
Distribution



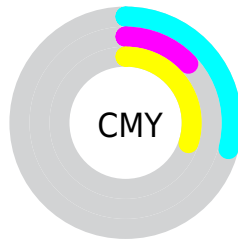
- Red (71%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3468, 65.7333, 52.5240 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 53.3468, 65.7333, 52.5240 by changing the saturation by 10% instead.


 53.3468, 65.7333,
52.5240

 53.3468, 65.7333,
52.5240

389.8534,
445.4225, 413.4706

 38.3083, 48.0559,
37.0378


 94.2770, 113.1035,
95.3380

 26.4003, 33.8712,
24.9407

120.8994,
143.5650, 123.5029

 17.2576, 22.7947,
15.8143


152.1138,
179.0568, 156.7311

 10.5148, 14.4420,
9.2399

188.2856,
219.9632, 195.4411

 5.8065, 8.4287,
4.7990

229.7801,
266.6686, 240.0516

 2.7673, 4.3705,
2.0732

276.9626,

 1.0319, 1.8829,

319.5573, 290.9809

0.5997

330.1986,
379.0138, 348.6478

0.0000, 0.5381,
0.0000

0.0000, 0.0000,
0.0000

53.3468, 65.7333,
52.5240

53.3468, 65.7333,
52.5240

46.5907, 62.4922,
41.3714

61.2690, 69.5372,
65.6379

40.9407, 59.7793,
32.0819

70.4030, 73.9199,
80.7963

36.3395, 57.5691,
24.5553

80.7987, 78.9072,
98.0831

32.7225, 55.8307,
18.6801

85.6789, 81.2579,
105.7763

■ 30.0180, 54.5299,
14.3323

■ 28.1446, 53.6278,
11.3706

■ 27.0064, 53.0784,
9.6271

■ 26.4629, 52.8156,
8.8169

■ 26.4523, 52.8106,
8.7993

Harmonies

Analogous

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



57.9386, 65.7333, 44.1094



53.3468, 65.7333, 52.5240



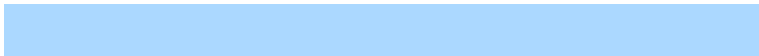
51.2283, 65.7333, 67.2092

Triad

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



53.3468, 65.7333, 52.5240



60.9349, 65.7333, 111.7384



74.3277, 65.7333, 59.0553

Complementary

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



53.3468, 65.7333, 52.5240



59.5662, 53.0994, 76.9251

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.



75.2636, 65.7333, 76.1204



53.3468, 65.7333, 52.5240



67.2475, 65.7333, 108.5695

Square

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



53.3468, 65.7333, 52.5240



55.4141, 65.7333, 102.7936



72.5948, 65.7333, 94.7455



70.1171, 65.7333, 47.4150

Rectangle

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



53.3468, 65.7333, 52.5240



51.3965, 65.7333, 79.4115



72.5948, 65.7333, 94.7455



75.0467, 65.7333, 64.2669

Sweetspot

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



53.3486, 65.7361, 52.5254



87.3950, 96.3270, 96.1914



64.5685, 70.9409, 52.9387



18.5357, 20.5362, 20.3062



0.0000, 0.0000, 0.0000



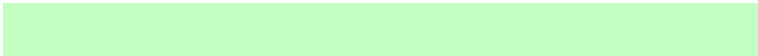
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3486, 65.7361, 52.5254



68.0300, 87.0335, 64.1348



55.3510, 66.5103, 64.2805



13.5574, 15.3520, 14.5555



15.5656, 31.0569, 5.1742



1.0892, 2.1580, 0.3591

Inverse Universe

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



59.5662, 53.0994, 76.9251



78.0277, 66.7119, 103.3719



57.2698, 52.2163, 63.2297



14.2626, 13.9189, 17.3226



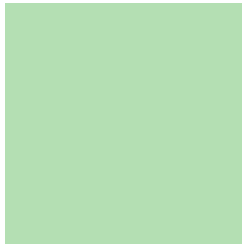
24.8345, 11.8980, 42.0360



1.7313, 0.8298, 2.9142

Previews

White Background



This preview shows how the XYZ color 53.3468, 65.7333, 52.5240 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 53.3468, 65.7333, 52.5240 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

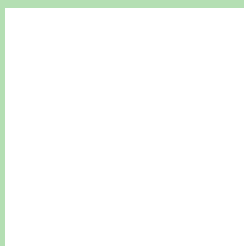
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3468, 65.7333, 52.5240

Background



This preview shows how black text looks on a background with the XYZ color 53.3468, 65.7333, 52.5240.

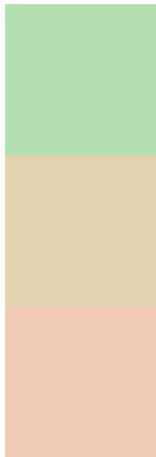


This preview shows how white text looks on a background with the XYZ color 53.3468, 65.7333,

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

53.3468, 65.7333, 52.5240

Protanopia

61.5776, 65.4530, 48.9234

Deuteranopia

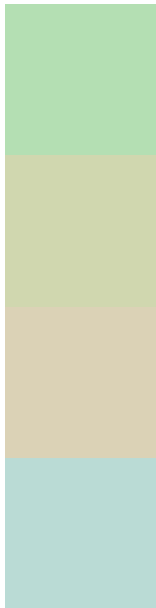
66.5211, 65.0080, 53.8415



Tritanopia

60.2501, 65.8137, 86.6186

Trichromacy



Original Color

53.3468, 65.7333, 52.5240

Protanomaly

58.0507, 65.1059, 50.0645

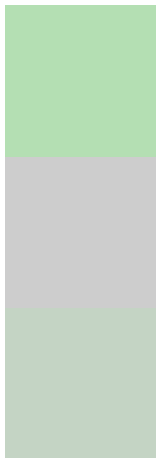
Deuteranomaly

60.7035, 64.5307, 53.5122

Tritanomaly

57.5915, 65.9062, 72.6366

Monochromacy



Original Color

53.3468, 65.7333, 52.5240

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.2722, 62.8083, 61.3819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3468, 65.7333, 52.5240 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(180, 223, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 223, 179)  
}
```

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(180, 223, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 223, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.3468, 65.7333, 52.5240 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(180, 223, 179) }
```


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

```
.border{ border-color:rgb(180, 223, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 223, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 223, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 223, 179); box-shadow:4px 4px 4px 4px rgb(180, 223, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3468, 65.7333, 52.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 223, 179) }
```

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

```
.background{ background-color: rgb(180,  
223, 179) }
```

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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