

Converting Colors

XYZ(53.3159, 65.2513, 52.1437)

Have a look what the booklet for
XYZ(53.3159, 65.2513, 52.1437)
contains.

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Color

**XYZ(53.2132, 65.2807,
51.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DEB2
RGB	181, 222, 178
RGB Percent	71%, 87%, 70%
CMY	0.2902, 0.1294, 0.3020
CMYK	0.18, 0.00, 0.20, 0.13
HSL	116°, 40%, 78%
HSV	116°, 20%, 87%
XYZ	53.2132, 65.2807, 51.9153
YIQ	204.7250, -10.3120, -22.3760

Conversions

Conversions Part 2

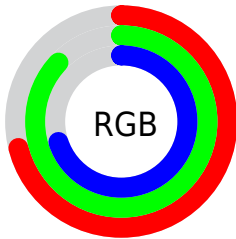
Format	Color
RYB	178, 222, 219
Decimal	11919026
CIELab	84.63, -21.65, 17.25
CIELCh	85, 27.681, 141.448
Yxy	65.2807, 0.3123, 0.3831
Android (android.graphics.Color)	4290109106 (0xFFB5DEB2)
YUV	204.7250, -13.1754, -20.8068
Hunter-Lab	80.7965, -23.8323, 18.4611

Details

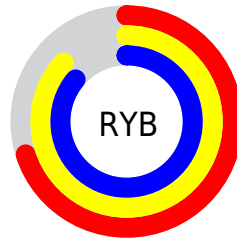
The XYZ color **53.2132, 65.2807, 51.9153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.3215, 52.1767, 76.1080**, and the grayscale version is **57.9408, 60.9582, 66.3835**.

A 20% lighter version of the original color is **85.5363, 95.4650, 91.7603**, and **26.4225, 33.7073, 24.5156** is the 20% darker color. If you saturate the color by 10%, you get **46.6665, 62.1447, 40.8999**, and if you desaturate by 10%, it is **60.8445, 68.9379, 64.8672**.

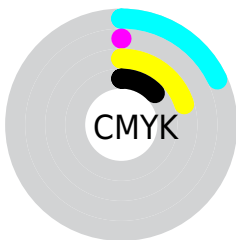
Distribution



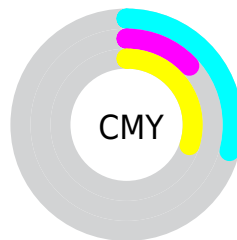
- Red (71%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2132, 65.2807, 51.9153 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 53.2132, 65.2807, 51.9153 by changing the saturation by 10% instead.

■ 53.2132, 65.2807,
51.9153

■ 53.2132, 65.2807,
51.9153

389.3500,
443.8000, 411.0572

■ 38.2012, 47.6887,
36.5558

■ 94.0817, 112.4533,
94.4316

■ 26.3168, 33.5804,
24.5707

120.6689,
142.8028, 122.4255

■ 17.1947, 22.5715,
15.5414

151.8451,
178.1735, 155.4680

■ 10.4696, 14.2774,
9.0494

187.9758,
218.9499, 193.9775

■ 5.7760, 8.3139,
4.6762

229.4263,
265.5163, 238.3726

■ 2.7487, 4.2964,
2.0031

276.5619,

■ 1.0223, 1.8407,

318.2572, 289.0719

0.5572

329.7480,
377.5570, 346.4939

0.0000, 0.5124,
0.0000

0.0000, 0.0000,
0.0000

53.2132, 65.2807,
51.9153

53.2132, 65.2807,
51.9153

46.6665, 62.1447,
40.8999

60.8445, 68.9379,
64.8672

41.1502, 59.4983,
31.7241

69.6009, 73.1297,
79.8378

36.6133, 57.3193,
24.2888

79.5275, 77.8795,
96.9098

32.9983, 55.5805,
18.4842

85.4126, 80.7252,
105.6875

■ 30.2420, 54.2518,
14.1878

■ 28.2727, 53.2993,
11.2601

■ 27.0074, 52.6839,
9.5353

■ 26.3300, 52.3519,
8.7286

■ 26.3217, 52.3478,
8.7169

Harmonies

Analogous

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



57.8041, 65.2807, 43.8839



53.2132, 65.2807, 51.9153



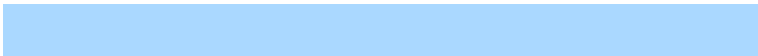
51.0260, 65.2807, 66.1397

Triad

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



53.2132, 65.2807, 51.9153



60.2976, 65.2807, 110.3095



73.7736, 65.2807, 59.3510

Complementary

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



53.2132, 65.2807, 51.9153



58.3215, 52.1767, 76.1080

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.



74.5514, 65.2807, 76.2595



53.2132, 65.2807, 51.9153



66.4933, 65.2807, 107.6795

Square

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



53.2132, 65.2807, 51.9153



54.9346, 65.2807, 101.1435



71.8088, 65.2807, 94.4603



69.7490, 65.2807, 47.6551

Rectangle

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



53.2132, 65.2807, 51.9153



51.1176, 65.2807, 78.0484



71.8088, 65.2807, 94.4603



74.4336, 65.2807, 64.5385

Sweetspot

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



53.2149, 65.2835, 51.9167



87.6315, 96.4490, 96.2025



63.3209, 69.0631, 52.1136



18.5913, 20.5649, 20.3088



0.0000, 0.0000, 0.0000



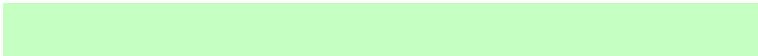
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2149, 65.2835, 51.9167



68.7562, 87.4079, 64.1688



54.4853, 65.7113, 62.2375



13.6148, 15.3816, 14.5581



15.6670, 31.1092, 5.1789



1.1168, 2.1722, 0.3604

Inverse Universe

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



58.3215, 52.1767, 76.1080



77.0194, 66.1921, 103.3247



56.9061, 51.7158, 63.9025



14.1980, 13.8856, 17.3196



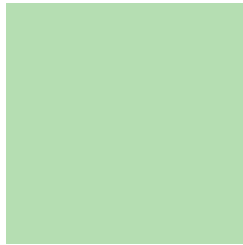
23.1327, 11.0207, 41.9563



1.6315, 0.7784, 2.9095

Previews

White Background



This preview shows how the XYZ color 53.2132, 65.2807, 51.9153 looks on a white background.

Color Contrast Check

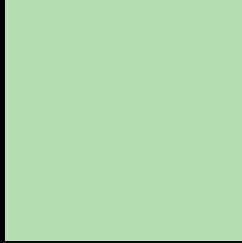
Large Text (above 18pt) WCAG AA × Fail

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 53.2132, 65.2807, 51.9153 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 53.2132, 65.2807, 51.9153

Background



This preview shows how black text looks on a background with the XYZ color 53.2132, 65.2807, 51.9153.



This preview shows how white text looks on a background with the XYZ color 53.2132, 65.2807,

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

53.2132, 65.2807, 51.9153

Protanopia

60.9244, 64.7597, 48.3185

Deuteranopia

66.0751, 64.7900, 53.2792



Tritanopia

60.1011, 65.3742, 85.7947

Trichromacy



Original Color

53.2132, 65.2807, 51.9153

Protanomaly

57.6990, 64.5590, 49.4645

Deuteranomaly

60.6005, 64.4895, 52.9698

Tritanomaly

57.4486, 65.4611, 71.8947

Monochromacy



Original Color

53.2132, 65.2807, 51.9153

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.9095, 62.2644, 60.7012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2132, 65.2807, 51.9153 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(181, 222, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 222, 178)  
}
```

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(181, 222, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 222, 178) }
```

Border

The CSS property to change the border of an element to XYZ 53.2132, 65.2807, 51.9153 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(181, 222, 178) }
```


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

```
.border{ border-color:rgb(181, 222, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 222, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 222, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 222, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 222,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2132, 65.2807, 51.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 222, 178) }
```

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

```
.background{ background-color: rgb(181,  
222, 178) }
```

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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