

Converting Colors

XYZ(53.4587, 66.0070, 49.6669)

Have a look what the booklet for
XYZ(53.4587, 66.0070, 49.6669)
contains.

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Color

**XYZ(53.2219, 65.7376,
49.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DFAD
RGB	182, 223, 173
RGB Percent	71%, 87%, 68%
CMY	0.2863, 0.1255, 0.3216
CMYK	0.18, 0.00, 0.22, 0.13
HSL	109°, 44%, 78%
HSV	109°, 22%, 87%
XYZ	53.2219, 65.7376, 49.4187
YIQ	205.0410, -8.3860, -24.2420

Conversions

Conversions Part 2

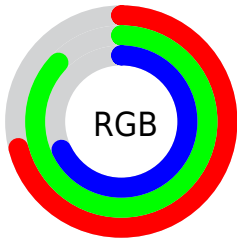
Format	Color
RYB	173, 223, 214
Decimal	11984813
CIELab	84.86, -22.63, 20.20
CIElCh	85, 30.338, 138.252
Yxy	65.7376, 0.3161, 0.3904
Android (android.graphics.Color)	4290174893 (0xFFB6DFAD)
YUV	205.0410, -15.7962, -20.2070
Hunter-Lab	81.0787, -24.7164, 20.6170

Details

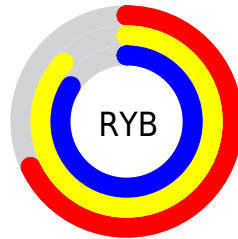
The XYZ color **53.2219, 65.7376, 49.4187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.9972, 49.5129, 76.4211**, and the grayscale version is **58.1570, 61.1857, 66.6313**.

A 20% lighter version of the original color is **85.1628, 95.3543, 88.0454**, and **26.2949, 33.9505, 22.9365** is the 20% darker color. If you saturate the color by 10%, you get **47.2015, 62.8648, 38.7975**, and if you desaturate by 10%, it is **60.1700, 69.0509, 61.9661**.

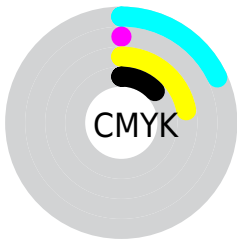
Distribution



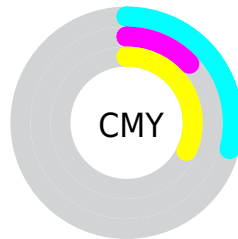
- Red (71%)
- Green (87%)
- Blue (68%)



- Red (68%)
- Yellow (87%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2219, 65.7376, 49.4187 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 53.2219, 65.7376, 49.4187 by changing the saturation by 10% instead.

■ 53.2219, 65.7376,
49.4187

■ 53.2219, 65.7376,
49.4187

389.3828,
445.4379, 401.0581

■ 38.2081, 48.0594,
34.5838

■ 94.0944, 113.1096,
90.7004

■ 26.3222, 33.8739,
23.0615

120.6839,
143.5723, 117.9843

■ 17.1988, 22.7968,
14.4332

151.8626,
179.0652, 150.2549

■ 10.4725, 14.4435,
8.2804

187.9960,
219.9728, 187.9308

■ 5.7780, 8.4298,
4.1845

229.4493,
266.6795, 231.4306

■ 2.7499, 4.3712,
1.7271

276.5880,

■ 1.0229, 1.8833,

319.5696, 281.1727

0.3792

329.7774,
379.0276, 337.5756

■ 0.0000, 0.5383,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2219, 65.7376,
49.4187

■ 53.2219, 65.7376,
49.4187

■ 47.2015, 62.8648,
38.7975

■ 60.1700, 69.0509,
61.9661

■ 42.0641, 60.4057,
30.0032

■ 68.0777, 72.8135,
76.5239

■ 37.7689, 58.3435,
22.9339

■ 76.9819, 77.0444,
93.1766

■ 34.2699, 56.6568,
17.4761

■ 85.6790, 81.2580,
105.7763

■ 31.5165, 55.3225,
13.5030

■ 29.4518, 54.3143,
10.8682

■ 28.0102, 53.6022,
9.3961

■ 27.2693, 53.2318,
8.8375

Harmonies

Analogous

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



58.4738, 65.7376, 41.5694



53.2219, 65.7376, 49.4187



50.5303, 65.7376, 64.2174

Triad

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



53.2219, 65.7376, 49.4187



59.8560, 65.7376, 114.8745



75.7453, 65.7376, 60.4738

Complementary

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



53.2219, 65.7376, 49.4187



55.9972, 49.5129, 76.4211

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.



76.1828, 65.7376, 79.4786



53.2219, 65.7376, 49.4187



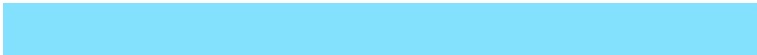
66.6685, 65.7376, 113.3732

Square

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



53.2219, 65.7376, 49.4187



54.1704, 65.7376, 103.3217



72.7575, 65.7376, 99.5305



71.6022, 65.7376, 47.1080

Rectangle

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



53.2219, 65.7376, 49.4187



50.4101, 65.7376, 77.0895



72.7575, 65.7376, 99.5305



76.3411, 65.7376, 66.3339

Sweetspot

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



53.2236, 65.7404, 49.4201



87.1263, 96.2320, 94.2183



61.9815, 66.7170, 49.1471



18.5091, 20.5312, 19.9096



0.0000, 0.0000, 0.0000



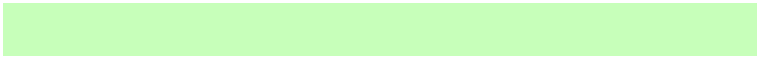
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2236, 65.7404, 49.4201



68.0704, 87.1509, 59.7722



52.7906, 65.3295, 57.8785



13.7577, 15.4552, 14.5648



16.1009, 31.3328, 5.1992



1.1846, 2.2072, 0.3636

Inverse Universe

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



55.9972, 49.5129, 76.4211



72.4679, 61.3863, 102.6370



56.6603, 50.0900, 65.8230



14.0404, 13.8044, 17.3122



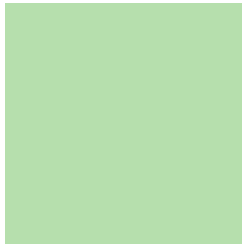
19.3829, 9.0876, 41.7808



1.4075, 0.6629, 2.8990

Previews

White Background



This preview shows how the XYZ color 53.2219, 65.7376, 49.4187 looks on a white background.

Color Contrast Check

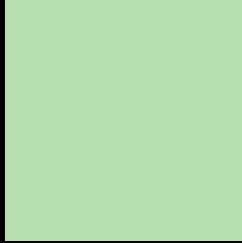
Large Text (above 18pt) WCAG AA × Fail

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 53.2219, 65.7376, 49.4187 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

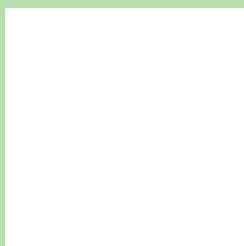
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2219, 65.7376, 49.4187

Background



This preview shows how black text looks on a background with the XYZ color 53.2219, 65.7376, 49.4187.

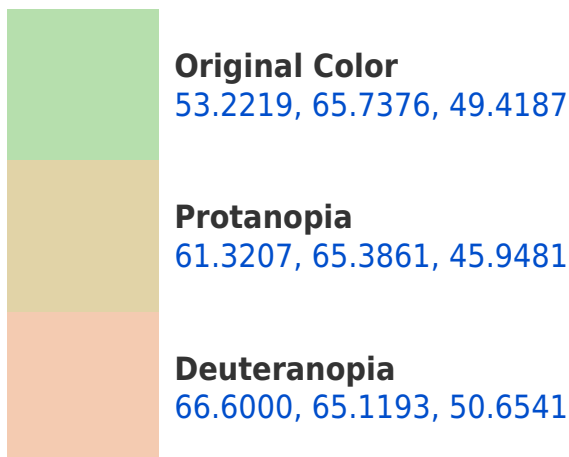


This preview shows how white text looks on a background with the XYZ color 53.2219, 65.7376,

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

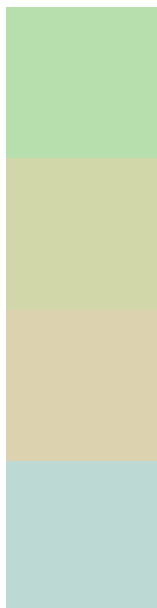




Tritanopia

60.6042, 65.6335, 85.8183

Trichromacy



Original Color

53.2219, 65.7376, 49.4187

Protanomaly

57.7564, 65.0208, 47.0423

Deuteranomaly

60.7019, 64.5999, 50.3440

Tritanomaly

57.5683, 65.5373, 71.2438

Monochromacy



Original Color

53.2219, 65.7376, 49.4187

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.1951, 62.8075, 59.6133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2219, 65.7376, 49.4187 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(182, 223, 173)` looks like.

```
.text, #text, p{  
    color:rgb(182, 223, 173)  
}
```

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(182, 223, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 223, 173) }
```

Border

The CSS property to change the border of an element to XYZ 53.2219, 65.7376, 49.4187 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(182, 223, 173) }
```


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

```
.border{ border-color:rgb(182, 223, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 223, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 223, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 223, 173);  
box-shadow:4px 4px 4px 4px rgb(182, 223,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2219, 65.7376, 49.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 223, 173) }
```

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

```
.background{ background-color: rgb(182,  
223, 173) }
```

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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