

Converting Colors

XYZ(51.5938, 65.2445, 37.6767)

Have a look what the booklet for
XYZ(51.5938, 65.2445, 37.6767)
contains.

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Color

**XYZ(51.4213, 65.0723,
37.4538)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DF93
RGB	184, 223, 147
RGB Percent	72%, 87%, 58%
CMY	0.2784, 0.1255, 0.4235
CMYK	0.17, 0.00, 0.34, 0.13
HSL	91°, 54%, 73%
HSV	91°, 34%, 87%
XYZ	51.4213, 65.0723, 37.4538
YIQ	202.6750, 1.1520, -31.9040

Conversions

Conversions Part 2

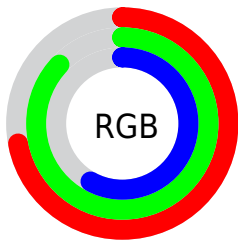
Format	Color
RYB	147, 223, 186
Decimal	12115859
CIELab	84.52, -25.86, 33.18
CIELCh	85, 42.069, 127.938
Yxy	65.0723, 0.3340, 0.4227
Android (android.graphics.Color)	4290305939 (0xFFB8DF93)
YUV	202.6750, -27.4478, -16.3780
Hunter-Lab	80.6674, -27.3834, 28.9389

Details

The XYZ color **51.4213, 65.0723, 37.4538** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.0055, 36.6361, 74.5678**, and the grayscale version is **56.7285, 59.6828, 64.9946**.

A 20% lighter version of the original color is **82.6963, 94.4850, 69.7560**, and **25.2741, 33.5773, 15.9755** is the 20% darker color. If you saturate the color by 10%, you get **47.2072, 63.0848, 28.9908**, and if you desaturate by 10%, it is **56.1998, 67.3155, 47.7165**.

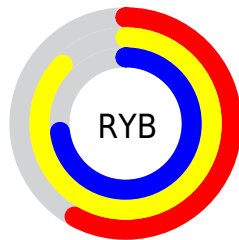
Distribution



Red (72%)

Green (87%)

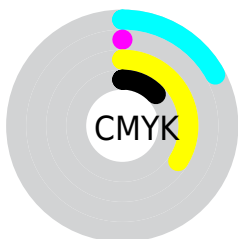
Blue (58%)



Red (58%)

Yellow (87%)

Blue (73%)

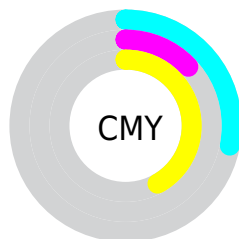


Cyan (17%)

Magenta (0%)

Yellow (34%)

Black (13%)



Cyan (28%)

Magenta (13%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4213, 65.0723, 37.4538 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 51.4213, 65.0723, 37.4538 by changing the saturation by 10% instead.

■ 51.4213, 65.0723,
37.4538

■ 51.4213, 65.0723,
37.4538

382.5592,
443.0517, 350.4987

■ 36.7664, 47.5197,
25.2605

■ 91.4565, 112.1538,
72.4643

■ 25.1995, 33.4467,
16.0505

■ 117.5675,
142.4515, 96.1186

■ 16.3553, 22.4689,
9.4051

148.2280,
177.7663, 124.4303

■ 9.8684, 14.2018,
4.9060

183.8033,
218.4827, 157.8179

■ 5.3734, 8.2612,
2.1344

224.6586,
264.9851, 196.7000

■ 2.5049, 4.2625,
0.6361

271.1595,

■ 0.8977, 1.8215,

317.6578, 241.4952

0.0000

323.6712,
376.8852, 292.6219

0.0000, 0.5005,
0.0000

0.0000, 0.0000,
0.0000

51.4213, 65.0723,
37.4538

51.4213, 65.0723,
37.4538

47.2072, 63.0848,
28.9908

56.1998, 67.3155,
47.7165

43.5276, 61.3340,
22.2195

61.5609, 69.8158,
59.8703

40.3571, 59.8112,
17.0266

67.5279, 72.5852,
74.0052

37.6657, 58.5038,
13.2836

74.1213, 75.6325,
90.2046

■ 35.4191, 57.3974,
10.8413

■ 80.7911, 78.7382,
105.5476

■ 33.5770, 56.4751,
9.5186

■ 84.8264, 80.8185,
105.7364

■ 32.6416, 56.0014,
9.0890

■ 85.6790, 81.2581,
105.7763

Harmonies

Analogous

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



59.3946, 65.0723, 31.0527



51.4213, 65.0723, 37.4538



46.6103, 65.0723, 53.1862

Triad

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



51.4213, 65.0723, 37.4538



55.3262, 65.0723, 130.2330



81.4629, 65.0723, 63.9637

Complementary

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



51.4213, 65.0723, 37.4538



44.0055, 36.6361, 74.5678

Split Complementary

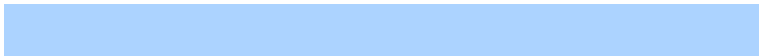
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0930, 65.0723, 92.0530



51.4213, 65.0723, 37.4538



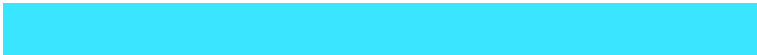
64.3707, 65.0723, 135.2225

Square

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



51.4213, 65.0723, 37.4538



48.7011, 65.0723, 107.5427



73.5996, 65.0723, 119.8314



77.1734, 65.0723, 43.6302

Rectangle

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



51.4213, 65.0723, 37.4538



45.5359, 65.0723, 69.0122



73.5996, 65.0723, 119.8314



81.6564, 65.0723, 72.7256

Sweetspot

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



51.4229, 65.0751, 37.4552



86.5610, 96.0670, 88.4758



53.0494, 52.4949, 34.9413



18.2869, 20.4505, 18.3712



0.0000, 0.0000, 0.0000



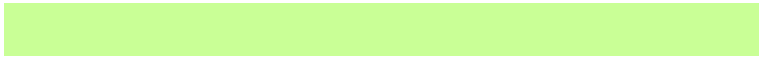
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4229, 65.0751, 37.4552



65.4815, 86.2019, 42.2319



43.6887, 61.0880, 37.0933



14.1608, 15.6630, 14.5837



19.3213, 32.9930, 5.3500



1.4424, 2.3400, 0.3757

Inverse Universe

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



44.0055, 36.6361, 74.5678



53.9590, 42.0288, 99.8762



54.1871, 41.8849, 75.0443



13.6195, 13.5874, 17.2925



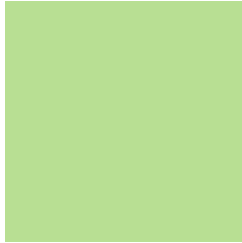
12.0770, 5.3212, 41.4389



0.9404, 0.4221, 2.8771

Previews

White Background



This preview shows how the XYZ color 51.4213, 65.0723, 37.4538 looks on a white background.

Color Contrast Check

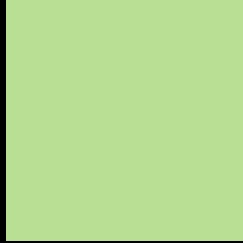
Large Text (above 18pt) WCAG AA × Fail

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 51.4213, 65.0723, 37.4538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

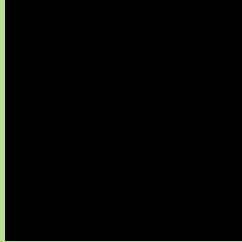
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4213, 65.0723, 37.4538

Background



This preview shows how black text looks on a background with the XYZ color 51.4213, 65.0723, 37.4538.

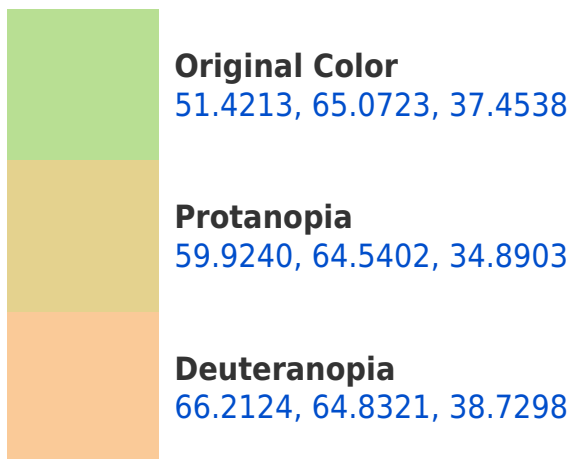


This preview shows how white text looks on a background with the XYZ color 51.4213, 65.0723,

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

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

51.4213, 65.0723, 37.4538

Protanomaly

56.4859, 64.6115, 35.8797

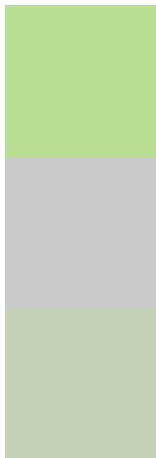
Deuteranomaly

59.9156, 64.4639, 38.1391

Tritanomaly

56.9764, 65.0023, 64.1873

Monochromacy



Original Color

51.4213, 65.0723, 37.4538

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.3588, 61.2478, 53.7567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4213, 65.0723, 37.4538 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, 223, 147)` looks like.

```
.text, #text, p{  
    color:rgb(184, 223, 147)  
}
```

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, 223, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 223, 147) }
```

Border

The CSS property to change the border of an element to XYZ 51.4213, 65.0723, 37.4538 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, 223, 147) }
```


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

```
.border{ border-color:rgb(184, 223, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 223, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 223, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 223, 147);  
box-shadow:4px 4px 4px 4px rgb(184, 223,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4213, 65.0723, 37.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 223, 147) }
```

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

```
.background{ background-color: rgb(184,  
223, 147) }
```

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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