

Converting Colors

XYZ(52.7594, 63.9738, 37.5785)

Have a look what the booklet for
XYZ(52.7594, 63.9738, 37.5785)
contains.

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Color

**XYZ(52.6648, 63.7503,
37.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DA94
RGB	194, 218, 148
RGB Percent	76%, 85%, 58%
CMY	0.2392, 0.1451, 0.4196
CMYK	0.11, 0.00, 0.32, 0.15
HSL	81°, 49%, 72%
HSV	81°, 32%, 85%
XYZ	52.6648, 63.7503, 37.5463
YIQ	202.8440, 8.1660, -26.8580

Conversions

Conversions Part 2

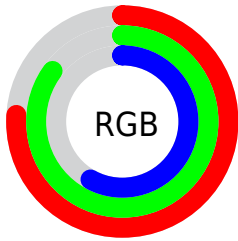
Format	Color
RYB	148, 218, 172
Decimal	12769940
CIELab	83.84, -19.65, 31.88
CIELCh	84, 37.452, 121.650
Yxy	63.7503, 0.3421, 0.4141
Android (android.graphics.Color)	4290960020 (0xFFC2DA94)
YUV	202.8440, -27.0381, -7.7562
Hunter-Lab	79.8438, -21.9884, 28.0097

Details

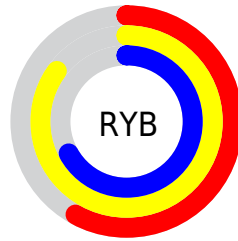
The XYZ color **52.6648, 63.7503, 37.5463** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.2607, 35.0142, 70.9698**, and the grayscale version is **56.8290, 59.7885, 65.1097**.

A 20% lighter version of the original color is **86.3232, 96.3410, 70.5459**, and **26.0237, 32.6144, 15.9899** is the 20% darker color. If you saturate the color by 10%, you get **49.2290, 62.1620, 29.2108**, and if you desaturate by 10%, it is **56.5254, 65.5240, 47.6006**.

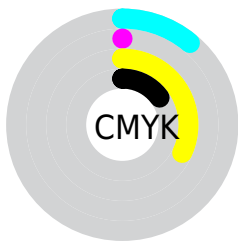
Distribution



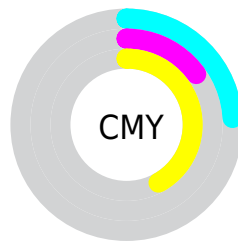
- Red (76%)
- Green (85%)
- Blue (58%)



- Red (58%)
- Yellow (85%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6648, 63.7503, 37.5463 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 52.6648, 63.7503, 37.5463 by changing the saturation by 10% instead.


 52.6648, 63.7503,
37.5463


 52.6648, 63.7503,
37.5463


387.2797,
438.2874, 350.9093

 37.7617, 46.4485,
25.3317


 93.2794, 110.2512,
72.6079

 25.9741, 32.5999,
16.1031


 119.7215,
140.2191, 96.2919

 16.9369, 21.8201,
9.4420


150.7407,
175.1779, 124.6361

 10.2845, 13.7248,
4.9298

186.7023,
215.5118, 158.0591

 5.6517, 7.9295,
2.1481

227.9716,
261.6053, 196.9794

 2.6731, 4.0499,
0.6442

274.9141,

 0.9834, 1.7015,

313.8428, 241.8155

0.0000

327.8950,
372.6087, 292.9860

0.0000, 0.4246,
0.0000

0.0000, 0.0000,
0.0000

52.6648, 63.7503,
37.5463

52.6648, 63.7503,
37.5463

49.2290, 62.1620,
29.2108

56.5254, 65.5240,
47.6006

46.1935, 60.7427,
22.4937

60.8241, 67.4820,
59.4586

43.5384, 59.4863,
17.2903

65.5797, 69.6343,
73.2042

41.2396, 58.3832,
13.4822

70.8082, 71.9874,
88.9151

■ 39.2698, 57.4221,
10.9333

■ 76.2002, 74.4176,
104.9556

■ 37.5965, 56.5899,
9.4799

■ 78.6704, 75.6910,
105.0712

■ 36.4434, 56.0073,
8.8897

■ 81.2449, 77.0182,
105.1917

■ 83.9250, 78.3999,
105.3171

■ 84.3628, 78.6256,
105.3376

Harmonies

Analogous

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



60.1385, 63.7503, 33.2596



52.6648, 63.7503, 37.5463



47.7091, 63.7503, 50.0444

Triad

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



52.6648, 63.7503, 37.5463



53.3865, 63.7503, 117.4096



77.8221, 63.7503, 68.1171

Complementary

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



52.6648, 63.7503, 37.5463



40.2607, 35.0142, 70.9698

Split Complementary

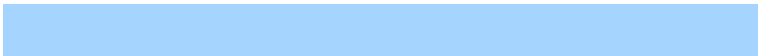
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6092, 63.7503, 93.2279



52.6648, 63.7503, 37.5463



61.0493, 63.7503, 125.2666

Square

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



52.6648, 63.7503, 37.5463



48.0985, 63.7503, 96.0050



69.2789, 63.7503, 115.5677



75.0826, 63.7503, 48.2500

Rectangle

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



52.6648, 63.7503, 37.5463



46.2493, 63.7503, 63.0390



69.2789, 63.7503, 115.5677



77.6318, 63.7503, 76.2033

Sweetspot

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



52.6664, 63.7531, 37.5477



88.0686, 96.8442, 88.5464



48.8871, 46.2976, 34.3776



18.6519, 20.6386, 18.3883



0.0000, 0.0000, 0.0000



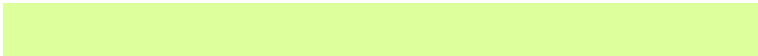
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6664, 63.7531, 37.5477



71.5101, 89.2611, 44.7132



44.8495, 59.7233, 37.1818



13.7061, 15.0287, 13.9040



21.9518, 33.6140, 5.3312



1.5132, 2.2246, 0.3496

Inverse Universe

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



40.2607, 35.0142, 70.9698



51.0117, 41.7487, 99.9774



48.7934, 39.4130, 71.3691



12.7576, 12.8331, 16.4568



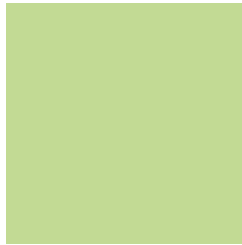
9.4127, 3.9766, 40.0099



0.7004, 0.3044, 2.5963

Previews

White Background



This preview shows how the XYZ color 52.6648, 63.7503, 37.5463 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 52.6648, 63.7503, 37.5463 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 52.6648, 63.7503, 37.5463

Background



This preview shows how black text looks on a background with the XYZ color 52.6648, 63.7503, 37.5463.



This preview shows how white text looks on a background with the XYZ color 52.6648, 63.7503,

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

52.6648, 63.7503, 37.5463

Protanopia

59.1985, 63.7833, 35.5769

Deuteranopia

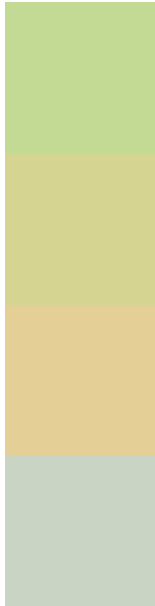
64.6795, 63.3497, 38.5245



Tritanopia

61.3233, 63.5271, 80.2640

Trichromacy



Original Color

52.6648, 63.7503, 37.5463

Protanomaly

56.3859, 63.4274, 36.0589

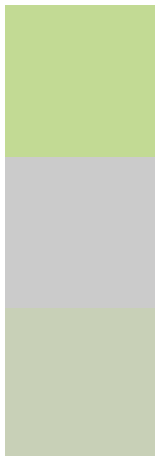
Deuteranomaly

59.8936, 63.3540, 38.3500

Tritanomaly

57.7089, 63.5357, 62.0454

Monochromacy



Original Color

52.6648, 63.7503, 37.5463

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9225, 60.8100, 53.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6648, 63.7503, 37.5463 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(194, 218, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 218, 148)  
}
```

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(194, 218, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 218, 148) }
```

Border

The CSS property to change the border of an element to XYZ 52.6648, 63.7503, 37.5463 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(194, 218, 148) }
```


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

```
.border{ border-color:rgb(194, 218, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 218, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 218, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 218, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 218,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6648, 63.7503, 37.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 218, 148) }
```

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

```
.background{ background-color: rgb(194,  
218, 148) }
```

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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