

Converting Colors

XYZ(52.9730, 64.1138, 44.4674)

Have a look what the booklet for
XYZ(52.9730, 64.1138, 44.4674)
contains.

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Color

**XYZ(52.9286, 64.1262,
44.2383)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBA3
RGB	189, 219, 163
RGB Percent	74%, 86%, 64%
CMY	0.2588, 0.1412, 0.3608
CMYK	0.14, 0.00, 0.26, 0.14
HSL	92°, 44%, 75%
HSV	92°, 26%, 86%
XYZ	52.9286, 64.1262, 44.2383
YIQ	203.6460, 0.0960, -23.7760

Conversions

Conversions Part 2

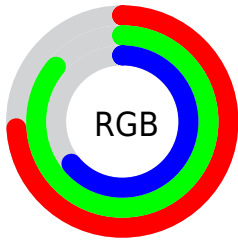
Format	Color
RYB	163, 219, 193
Decimal	12442531
CIELab	84.03, -19.81, 24.34
CIELCh	84, 31.382, 129.146
Yxy	64.1262, 0.3282, 0.3976
Android (android.graphics.Color)	4290632611 (0xFFBDDBA3)
YUV	203.6460, -20.0385, -12.8445
Hunter-Lab	80.0788, -22.1573, 23.3014

Details

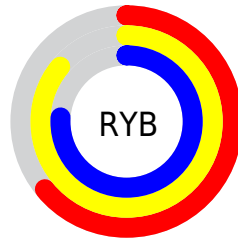
The XYZ color **52.9286, 64.1262, 44.2383** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.8784, 42.6482, 72.7298**, and the grayscale version is **57.2949, 60.2787, 65.6435**.

A 20% lighter version of the original color is **86.4209, 96.1748, 80.3384**, and **26.1364, 32.8495, 20.0020** is the 20% darker color. If you saturate the color by 10%, you get **48.3404, 61.9703, 34.6526**, and if you desaturate by 10%, it is **58.0955, 66.5450, 55.6275**.

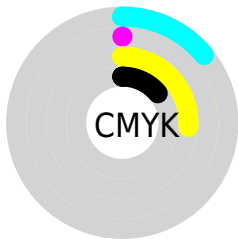
Distribution



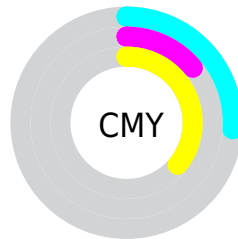
- Red (74%)
- Green (86%)
- Blue (64%)



- Red (64%)
- Yellow (86%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9286, 64.1262, 44.2383 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 52.9286, 64.1262, 44.2383 by changing the saturation by 10% instead.


 52.9286, 64.1262,
44.2383

 52.9286, 64.1262,
44.2383


388.2765,
439.6452, 379.7496

 37.9730, 46.7529,
30.5193


 93.6654, 110.7927,
82.8825

 26.1389, 32.8404,
19.9777


 120.1774,
140.8546, 108.6448

 17.0608, 22.0042,
12.1949


151.2722,
175.9149, 139.2586

 10.3734, 13.8600,
6.7524

187.3153,
216.3579, 175.1425

 5.7114, 8.0233,
3.2317

228.6718,
262.5681, 216.7150

 2.7094, 4.1099,
1.2141

275.7073,

 1.0020, 1.7352,

314.9297, 264.3947

0.0000

328.7871,
373.8273, 318.6000

0.0000, 0.4463,
0.0000

0.0000, 0.0000,
0.0000

52.9286, 64.1262,
44.2383

52.9286, 64.1262,
44.2383

48.3404, 61.9703,
34.6526

58.0955, 66.5450,
55.6275

44.3029, 60.0591,
26.7737

63.8577, 69.2277,
68.9019

40.7929, 58.3848,
20.5022

70.2372, 72.1858,
84.1432

37.7833, 56.9358,
15.7269

77.2535, 75.4275,
101.4271

■ 35.2440, 55.6995,
12.3222

■ 81.9768, 77.7816,
105.3004

■ 33.1410, 54.6614,
10.1421

■ 84.6228, 79.1457,
105.4243

■ 31.4332, 53.8044,
9.0071

■ 30.7749, 53.4712,
8.6990

Harmonies

Analogous

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



58.8591, 64.1262, 38.5479



52.9286, 64.1262, 44.2383



49.3401, 64.1262, 57.1140

Triad

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



52.9286, 64.1262, 44.2383



56.3340, 64.1262, 111.8396



75.0561, 64.1262, 63.9379

Complementary

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



52.9286, 64.1262, 44.2383



47.8784, 42.6482, 72.7298

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.



74.2517, 64.1262, 84.2888



52.9286, 64.1262, 44.2383



63.0899, 64.1262, 114.6172

Square

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



52.9286, 64.1262, 44.2383



51.2004, 64.1262, 96.7537



69.7435, 64.1262, 103.7494



71.8649, 64.1262, 48.4192

Rectangle

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



52.9286, 64.1262, 44.2383



48.5880, 64.1262, 69.2558



69.7435, 64.1262, 103.7494



75.2489, 64.1262, 70.3923

Sweetspot

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



52.9303, 64.1290, 44.2397



88.0303, 96.7407, 92.3277



54.8673, 55.7879, 42.5276



18.5731, 20.5813, 19.1380



0.0000, 0.0000, 0.0000



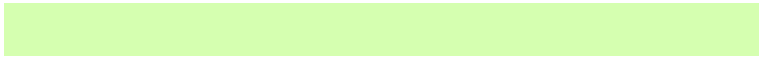
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9303, 64.1290, 44.2397



70.9300, 88.7461, 54.4397



47.2171, 61.1643, 44.8520



13.4582, 14.9009, 13.8924



18.3709, 31.7680, 5.1636



1.2889, 2.1090, 0.3391

Inverse Universe

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



47.8784, 42.6482, 72.7298



62.5695, 53.2032, 101.5792



54.8549, 46.2729, 71.7804



13.0016, 12.9590, 16.4682



12.0859, 5.3547, 40.1350



0.8821, 0.3980, 2.6048

Previews

White Background



This preview shows how the XYZ color 52.9286, 64.1262, 44.2383 looks on a white background.

Color Contrast Check

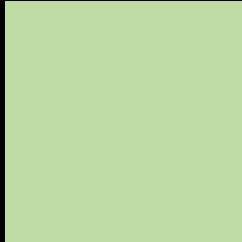
Large Text (above 18pt) WCAG AA × Fail

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 52.9286, 64.1262, 44.2383 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

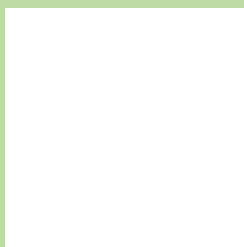
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9286, 64.1262, 44.2383

Background



This preview shows how black text looks on a background with the XYZ color 52.9286, 64.1262, 44.2383.



This preview shows how white text looks on a background with the XYZ color 52.9286, 64.1262,

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



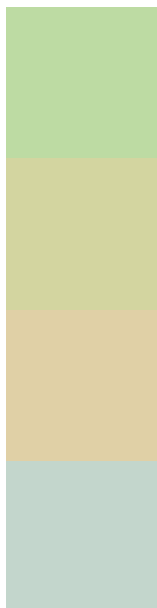
Original Color
52.9286, 64.1262, 44.2383
Protanopia
59.7125, 63.9168, 41.5378
Deuteranopia
65.1699, 63.7964, 45.4383



Tritanopia

60.7126, 64.2767, 81.8798

Trichromacy



Original Color

52.9286, 64.1262, 44.2383

Protanomaly

57.0034, 63.9754, 42.6018

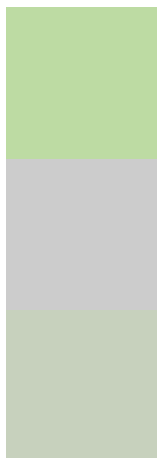
Deuteranomaly

60.1793, 63.7122, 45.2023

Tritanomaly

57.4513, 64.0549, 66.4626

Monochromacy



Original Color

52.9286, 64.1262, 44.2383

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.5390, 61.4172, 57.0716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9286, 64.1262, 44.2383 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(189, 219, 163)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 163)  
}
```

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(189, 219, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 163) }
```

Border

The CSS property to change the border of an element to XYZ 52.9286, 64.1262, 44.2383 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(189, 219, 163) }
```


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

```
.border{ border-color:rgb(189, 219, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 163);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9286, 64.1262, 44.2383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 163) }
```

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

```
.background{ background-color: rgb(189,  
219, 163) }
```

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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