

Converting Colors

XYZ(53.6633, 64.0658, 46.3731)

Have a look what the booklet for
XYZ(53.6633, 64.0658, 46.3731)
contains.

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Color

**XYZ(53.6251, 64.0463,
46.5816)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDA A8
RGB	191, 218, 168
RGB Percent	75%, 85%, 66%
CMY	0.2510, 0.1451, 0.3412
CMYK	0.12, 0.00, 0.23, 0.15
HSL	92°, 40%, 76%
HSV	92°, 23%, 85%
XYZ	53.6251, 64.0463, 46.5816
YIQ	204.2270, -0.0420, -21.2740

Conversions

Conversions Part 2

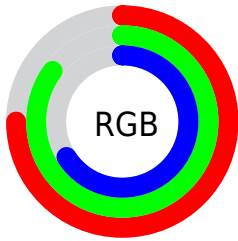
Format	Color
R _{YB}	168, 218, 195
Decimal	12573352
CIE _{Lab}	83.99, -17.84, 21.70
CIE _{LCh}	84, 28.086, 129.423
Y _{xy}	64.0463, 0.3265, 0.3899
Android (android.graphics.Color)	4290763432 (0xFFBFDAA8)
YUV	204.2270, -17.8599, -11.6001
Hunter-Lab	80.0289, -20.4429, 21.5099

Details

The XYZ color **53.6251, 64.0463, 46.5816** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1658, 44.6711, 72.3642**, and the grayscale version is **57.6490, 60.6512, 66.0491**.

A 20% lighter version of the original color is **87.7907, 96.8042, 83.8700**, and **26.5661, 32.7737, 21.4488** is the 20% darker color. If you saturate the color by 10%, you get **48.9197, 61.8378, 36.6339**, and if you desaturate by 10%, it is **58.9125, 66.5193, 58.3365**.

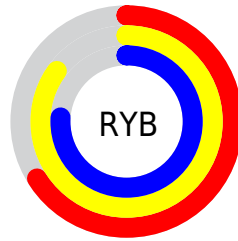
Distribution



Red (75%)

Green (85%)

Blue (66%)



Red (66%)

Yellow (85%)

Blue (76%)

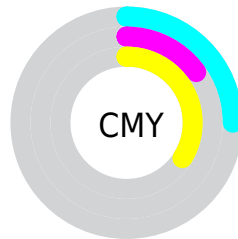


Cyan (12%)

Magenta (0%)

Yellow (23%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6251, 64.0463, 46.5816 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 53.6251, 64.0463, 46.5816 by changing the saturation by 10% instead.

■ 53.6251, 64.0463,
46.5816

■ 53.6251, 64.0463,
46.5816

390.9005,
439.3568, 389.4873

■ 38.5315, 46.6882,
32.3530

■ 94.6837, 110.6776,
86.4322

■ 26.5745, 32.7892,
21.3643

■ 121.3794,
140.7196, 112.8913

■ 17.3889, 21.9650,
13.1967

152.6731,
175.7583, 144.2643

■ 10.6092, 13.8312,
7.4318

188.9303,
216.1782, 180.9698

■ 5.8700, 8.0034,
3.6511

230.5163,
262.3635, 223.4263

■ 2.8061, 4.0971,
1.4359

277.7964,

■ 1.0521, 1.7280,

314.6989, 272.0524

0.1695

331.1360,
373.5685, 327.2665

■ 0.0000, 0.4417,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.6251, 64.0463,
46.5816

■ 53.6251, 64.0463,
46.5816

■ 48.9197, 61.8378,
36.6339

■ 58.9125, 66.5193,
58.3365

■ 44.7686, 59.8758,
28.3996

■ 64.7980, 69.2575,
71.9779

■ 41.1494, 58.1527,
21.7829

■ 71.3032, 72.2724,
87.5852

■ 38.0357, 56.6574,
16.6766

■ 78.4143, 75.5589,
105.0592

■ 35.3987, 55.3775,
12.9608

■ 82.4997, 77.6650,
105.2504

■ 33.2055, 54.2991,
10.4973

■ 84.3627, 78.6254,
105.3376

■ 31.4177, 53.4061,
9.1195

■ 30.3582, 52.8702,
8.6049

Harmonies

Analogous

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



58.9464, 64.0463, 41.2269



53.6251, 64.0463, 46.5816



50.3985, 64.0463, 58.4293

Triad

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



53.6251, 64.0463, 46.5816



56.7864, 64.0463, 106.7579



73.3852, 64.0463, 64.3030

Complementary

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



53.6251, 64.0463, 46.5816



49.1658, 44.6711, 72.3642

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.



72.7091, 64.0463, 82.4136



53.6251, 64.0463, 46.5816



62.8433, 64.0463, 109.0517

Square

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



53.6251, 64.0463, 46.5816



52.1360, 64.0463, 93.6958



68.7486, 64.0463, 99.5162



70.5377, 64.0463, 50.2536

Rectangle

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



53.6251, 64.0463, 46.5816



49.7326, 64.0463, 69.3928



68.7486, 64.0463, 99.5162



73.5665, 64.0463, 70.0794

Sweetspot

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



53.6268, 64.0491, 46.5830



88.8499, 97.1205, 94.2990



55.4243, 56.6160, 45.0535



18.9075, 20.7366, 19.9283



0.0000, 0.0000, 0.0000



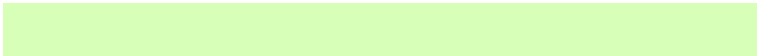
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6268, 64.0491, 46.5830



72.8190, 89.6300, 58.5902



48.4459, 61.3602, 47.1564



13.4528, 14.8981, 13.8922



18.3080, 31.7356, 5.1607



1.2847, 2.1068, 0.3389

Inverse Universe

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



49.1658, 44.6711, 72.3642



65.2807, 56.8899, 102.1479



55.3564, 47.8875, 71.5209



13.0071, 12.9618, 16.4685



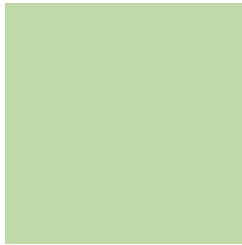
12.1614, 5.3936, 40.1385



0.8869, 0.4005, 2.6050

Previews

White Background



This preview shows how the XYZ color 53.6251, 64.0463, 46.5816 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 53.6251, 64.0463, 46.5816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

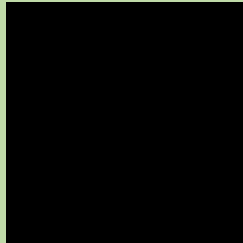
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6251, 64.0463, 46.5816

Background



This preview shows how black text looks on a background with the XYZ color 53.6251, 64.0463, 46.5816.

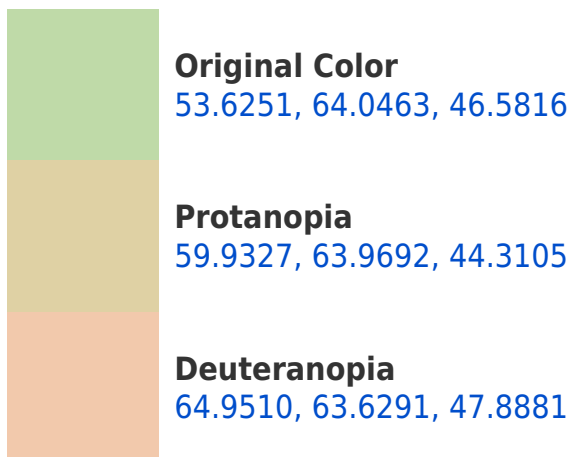


This preview shows how white text looks on a background with the XYZ color 53.6251, 64.0463,

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

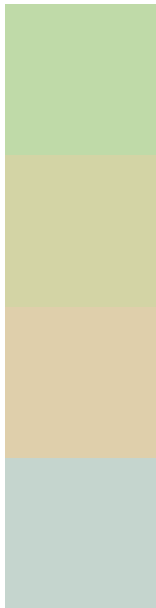




Tritanopia

60.7311, 63.9186, 81.8097

Trichromacy



Original Color

53.6251, 64.0463, 46.5816

Protanomaly

57.1990, 63.6525, 44.8688

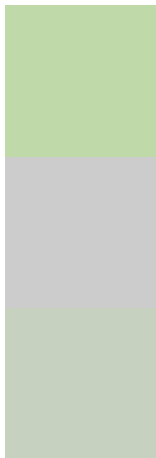
Deuteranomaly

60.0949, 63.2539, 47.5700

Tritanomaly

57.9608, 63.9150, 67.6745

Monochromacy



Original Color

53.6251, 64.0463, 46.5816

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.7576, 61.5046, 58.2231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6251, 64.0463, 46.5816 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(191, 218, 168)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 168)  
}
```

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(191, 218, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 168) }
```

Border

The CSS property to change the border of an element to XYZ 53.6251, 64.0463, 46.5816 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(191, 218, 168) }
```


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

```
.border{ border-color:rgb(191, 218, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 218, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 218, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 218, 168);  
box-shadow:4px 4px 4px 4px rgb(191, 218,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6251, 64.0463, 46.5816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 168) }
```

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

```
.background{ background-color: rgb(191,  
218, 168) }
```

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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