

Converting Colors

XYZ(63.8453, 67.2470, 53.6167)

Have a look what the booklet for
XYZ(63.8453, 67.2470, 53.6167)
contains.

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Color

**XYZ(63.9163, 67.2968,
53.8768)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D5B6
RGB	227, 213, 182
RGB Percent	89%, 84%, 71%
CMY	0.1098, 0.1647, 0.2863
CMYK	0.00, 0.06, 0.20, 0.11
HSL	41°, 45%, 80%
HSV	41°, 20%, 89%
XYZ	63.9163, 67.2968, 53.8768
YIQ	213.6520, 18.2950, -6.6730

Conversions

Conversions Part 2

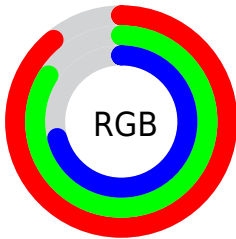
Format	Color
R _Y B	202, 227, 182
Decimal	14931382
CIE Lab	85.65, -0.11, 17.08
CIE LCh	86, 17.076, 90.362
Yxy	67.2968, 0.3453, 0.3636
Android (android.graphics.Color)	4293121462 (0xFFE3D5B6)
YUV	213.6520, -15.6044, 11.7062
Hunter-Lab	82.0346, -4.4845, 18.4851

Details

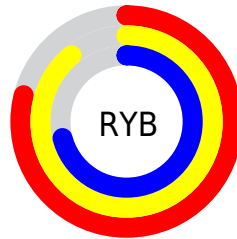
The XYZ color **63.9163, 67.2968, 53.8768** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8962, 54.9697, 80.4957**, and the grayscale version is **63.7770, 67.0984, 73.0702**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.9839, 34.6966, 25.7276** is the 20% darker color. If you saturate the color by 10%, you get **60.0212, 62.9612, 41.9276**, and if you desaturate by 10%, it is **68.2726, 71.9452, 67.8575**.

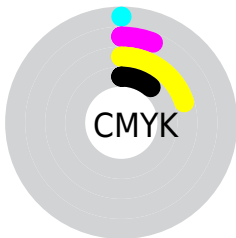
Distribution



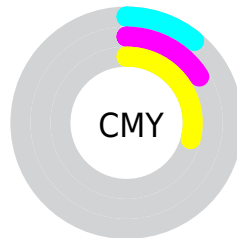
- Red (89%)
- Green (84%)
- Blue (71%)



- Red (79%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9163, 67.2968, 53.8768 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 63.9163, 67.2968, 53.8768 by changing the saturation by 10% instead.

■ 63.9163, 67.2968,
53.8768

■ 63.9163, 67.2968,
53.8768

428.4943,
451.0005, 418.8014

■ 46.8443, 49.3259,
38.1107

■ 109.5648,
115.3456, 97.3479

■ 33.1200, 34.8780,
25.7661

138.8720,
146.1922, 125.8900

■ 22.3781, 23.5689,
16.4245

172.9884,
182.0996, 159.5277

■ 14.2531, 15.0142,
9.6675

212.2792,
223.4520, 198.6798

■ 8.3798, 8.8293,
5.0763

257.1098,
270.6339, 243.7646

■ 4.3928, 4.6300,
2.2326

307.8457,

■ 1.9266, 2.0319,

324.0297, 295.2008

0.6931

364.8520,
384.0238, 353.4069

■ 0.5923, 0.6259,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9163, 67.2968,
53.8768

■ 63.9163, 67.2968,
53.8768

■ 60.0212, 62.9612,
41.9276

■ 68.2726, 71.9452,
67.8575

■ 56.5628, 58.9201,
31.9089

■ 73.1028, 76.9060,
83.9556

■ 53.5219, 55.1666,
23.7175

■ 78.4256, 82.1907,
102.2572

■ 50.8759, 51.6900,
17.2389

■ 81.2566, 86.6068,
107.0418

■ 48.5995, 48.4786,
12.3453

■ 83.3900, 90.8734,
107.7529

■ 46.6642, 45.5192,
8.8909

■ 85.4887, 95.0710,
108.4525

■ 45.0360, 42.7965,
6.7028

■ 43.6580, 40.2860,
5.4865

■ 43.6348, 40.2431,
5.4679

Harmonies

Analogous

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



67.7334, 67.2968, 56.1914



63.9163, 67.2968, 53.8768



60.2575, 67.2968, 56.3050

Triad

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



63.9163, 67.2968, 53.8768



57.7255, 67.2968, 84.6424



70.6861, 67.2968, 84.3843

Complementary

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



63.9163, 67.2968, 53.8768



52.8962, 54.9697, 80.4957

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.



67.8186, 67.2968, 93.3516



63.9163, 67.2968, 53.8768



60.3363, 67.2968, 93.5109

Square

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



63.9163, 67.2968, 53.8768



56.7731, 67.2968, 73.4103



64.0109, 67.2968, 96.8459



71.7369, 67.2968, 73.1394

Rectangle

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



63.9163, 67.2968, 53.8768



58.3757, 67.2968, 60.4437



64.0109, 67.2968, 96.8459



69.8971, 67.2968, 87.8042

Sweetspot

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



63.9181, 67.2998, 53.8782



91.1844, 96.0549, 95.9391



58.3995, 53.7846, 59.6782



19.4301, 20.4697, 20.2462



0.0000, 0.0000, 0.0000



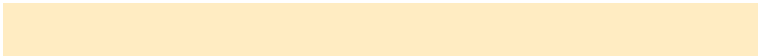
20.3446, 21.4041, 23.3091

Same Dimension

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



63.9181, 67.2998, 53.8782



80.9409, 85.1177, 63.0846



65.0514, 73.3374, 54.9839



15.2036, 16.0212, 15.1955



25.5562, 23.6866, 3.2250



1.9704, 1.9140, 0.2656

Inverse Universe

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



52.8962, 54.9697, 80.4957



63.9992, 66.1677, 104.0063



51.8916, 49.9823, 79.5860



13.9467, 14.6148, 18.2302



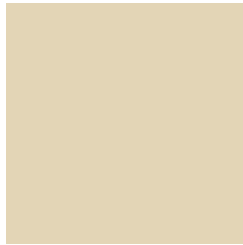
9.4769, 6.0160, 43.0449



0.7808, 0.6055, 3.2077

Previews

White Background



This preview shows how the XYZ color 63.9163, 67.2968, 53.8768 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 63.9163, 67.2968, 53.8768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

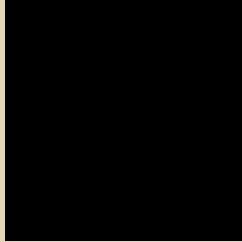
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

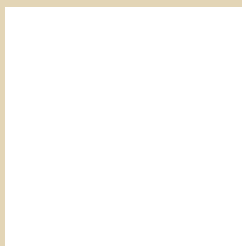
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9163, 67.2968, 53.8768

Background



This preview shows how black text looks on a background with the XYZ color 63.9163, 67.2968, 53.8768.



This preview shows how white text looks on a background with the XYZ color 63.9163, 67.2968, 53.8768.

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

63.9163, 67.2968, 53.8768

Protanopia

63.5414, 67.4781, 53.9316

Deuteranopia

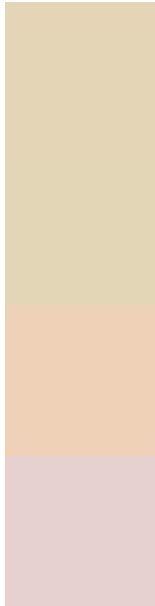
68.6246, 67.1543, 54.1449



Tritanopia

68.9108, 67.1092, 79.1334

Trichromacy



Original Color

63.9163, 67.2968, 53.8768

Protanomaly

63.8541, 67.6393, 53.9462

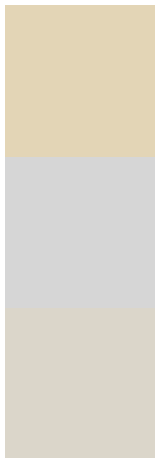
Deuteranomaly

66.9443, 67.3705, 54.2752

Tritanomaly

66.8188, 66.9780, 69.0808

Monochromacy



Original Color

63.9163, 67.2968, 53.8768

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.9207, 67.4175, 65.5210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9163, 67.2968, 53.8768 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(227, 213, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 213, 182)  
}
```

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(227, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 213, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.9163, 67.2968, 53.8768 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(227, 213, 182) }
```


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

```
.border{ border-color:rgb(227, 213, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 213, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 213,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9163, 67.2968, 53.8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 213, 182) }
```

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

```
.background{ background-color: rgb(227,  
213, 182) }
```

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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