

Converting Colors

XYZ(63.6816, 66.9292, 53.8276)

Have a look what the booklet for
XYZ(63.6816, 66.9292, 53.8276)
contains.

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Color

**XYZ(63.6655, 66.7953,
53.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4B6
RGB	227, 212, 182
RGB Percent	89%, 83%, 71%
CMY	0.1098, 0.1686, 0.2863
CMYK	0.00, 0.07, 0.20, 0.11
HSL	40°, 45%, 80%
HSV	40°, 20%, 89%
XYZ	63.6655, 66.7953, 53.7932
YIQ	213.0650, 18.5700, -6.1500

Conversions

Conversions Part 2

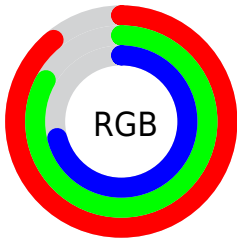
Format	Color
R _Y B	205, 227, 182
Decimal	14931126
CIE Lab	85.40, 0.41, 16.72
CIE LCh	85, 16.726, 88.597
Yxy	66.7953, 0.3455, 0.3625
Android (android.graphics.Color)	4293121206 (0xFFE3D4B6)
YUV	213.0650, -15.3150, 12.2210
Hunter-Lab	81.7284, -3.9752, 18.1855

Details

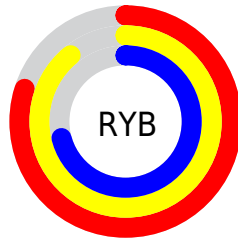
The XYZ color **63.6655, 66.7953, 53.7932** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1224, 55.4222, 80.5710**, and the grayscale version is **63.3814, 66.6821, 72.6168**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.8140, 34.3568, 25.6709** is the 20% darker color. If you saturate the color by 10%, you get **59.6609, 62.2406, 41.8075**, and if you desaturate by 10%, it is **68.1426, 71.6853, 67.8141**.

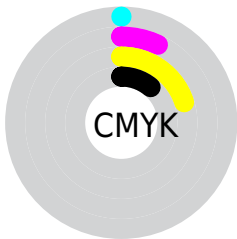
Distribution



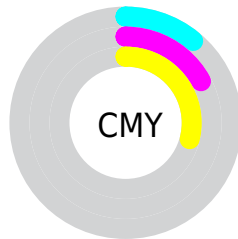
- Red (89%)
- Green (83%)
- Blue (71%)



- Red (80%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6655, 66.7953, 53.7932 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 63.6655, 66.7953, 53.7932 by changing the saturation by 10% instead.

■ 63.6655, 66.7953,
53.7932

■ 63.6655, 66.7953,
53.7932

427.6021,
449.2158, 418.4732

■ 46.6405, 48.9183,
38.0443

■ 109.2055,
114.6270, 97.2239

■ 32.9583, 34.5547,
25.7150

138.4512,
145.3506, 125.7427

■ 22.2536, 23.3200,
16.3867

172.5011,
181.1251, 159.3553

■ 14.1610, 14.8300,
9.6409

211.7206,
222.3349, 198.4802

■ 8.3152, 8.7002,
5.0590

256.4752,
269.3645, 243.5359

■ 4.3508, 4.5461,
2.2226

307.1300,

■ 1.9024, 1.9835,

322.5983, 294.9409

0.6874

364.0505,
382.4206, 353.1139

■ 0.5782, 0.5979,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6655, 66.7953,
53.7932

■ 63.6655, 66.7953,
53.7932

■ 59.6609, 62.2406,
41.8075

■ 68.1426, 71.6853,
67.8141

■ 56.1039, 58.0026,
31.7560

■ 73.1051, 76.9108,
83.9563

■ 52.9754, 54.0738,
23.5354

■ 78.5720, 82.4835,
102.3059

■ 50.2523, 50.4430,
17.0311

■ 81.5590, 87.2115,
107.1426

■ 47.9093, 47.0981,
12.1152

■ 83.8604, 91.8144,
107.9098

■ 45.9173, 44.0254,
8.6419

■ 85.4887, 95.0710,
108.4525

■ 44.2422, 41.2090,
6.4383

■ 42.8269, 38.6239,
5.2095

■ 42.8031, 38.5798,
5.1907

Harmonies

Analogous

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



67.3609, 66.7953, 56.3275



63.6655, 66.7953, 53.7932



60.0617, 66.7953, 55.8977

Triad

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



63.6655, 66.7953, 53.7932



57.3001, 66.7953, 83.1846



69.9133, 66.7953, 84.1563

Complementary

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



63.6655, 66.7953, 53.7932



53.1224, 55.4222, 80.5710

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.



67.0399, 66.7953, 92.6388



63.6655, 66.7953, 53.7932



59.7644, 66.7953, 92.0397

Square

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



63.6655, 66.7953, 53.7932



56.4757, 66.7953, 72.2190



63.3087, 66.7953, 95.6559



71.0556, 66.7953, 73.2409

Rectangle

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



63.6655, 66.7953, 53.7932



58.1753, 66.7953, 59.7788



63.3087, 66.7953, 95.6559



69.1124, 66.7953, 87.4255

Sweetspot

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



63.6673, 66.7983, 53.7946



91.0787, 95.8436, 95.9039



58.4851, 53.8188, 60.1296



19.4051, 20.4197, 20.2379



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.



63.6673, 66.7983, 53.7946



80.5510, 84.3378, 62.9546



65.2771, 73.4537, 54.9944



15.1758, 15.9655, 15.1863



25.0742, 22.7226, 3.0643



1.9374, 1.8482, 0.2546

Inverse Universe

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



53.1224, 55.4222, 80.5710



64.3423, 66.8539, 104.1206



51.7044, 49.8857, 79.5771



13.9733, 14.6679, 18.2391



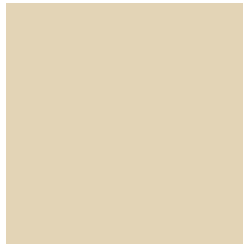
9.6749, 6.4120, 43.1109



0.7979, 0.6397, 3.2134

Previews

White Background



This preview shows how the XYZ color 63.6655, 66.7953, 53.7932 looks on a white background.

Color Contrast Check

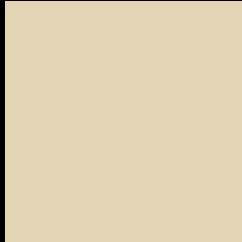
Large Text (above 18pt) WCAG AA × Fail

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 63.6655, 66.7953, 53.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

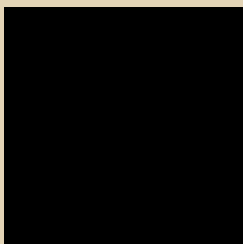
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

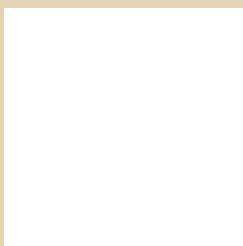
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6655, 66.7953, 53.7932

Background



This preview shows how black text looks on a background with the XYZ color 63.6655, 66.7953, 53.7932.

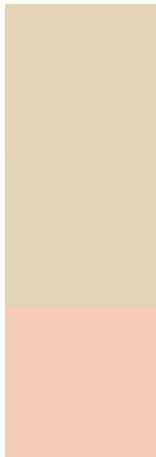


This preview shows how white text looks on a background with the XYZ color 63.6655, 66.7953,

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

63.6655, 66.7953, 53.7932

Protanopia

62.9782, 66.8132, 53.8329

Deuteranopia

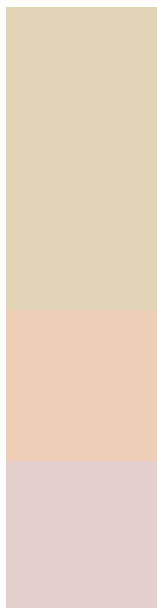
68.0348, 66.4940, 54.0486



Tritanopia

68.5348, 66.5723, 78.3448

Trichromacy



Original Color

63.6655, 66.7953, 53.7932

Protanomaly

63.2891, 66.9735, 53.8474

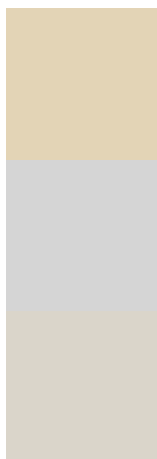
Deuteranomaly

66.3630, 66.7078, 54.1779

Tritanomaly

66.4515, 66.4397, 68.3533

Monochromacy



Original Color

63.6655, 66.7953, 53.7932

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3684, 66.7582, 65.4229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6655, 66.7953, 53.7932 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, 212, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 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, 212, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.6655, 66.7953, 53.7932 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, 212, 182) }
```


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

```
.border{ border-color:rgb(227, 212, 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, 212, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6655, 66.7953, 53.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 182) }
```

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

```
.background{ background-color: rgb(227,  
212, 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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