

Converting Colors

XYZ(63.1184, 65.7598, 53.3900)

Have a look what the booklet for
XYZ(63.1184, 65.7598, 53.3900)
contains.

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Color

**XYZ(63.1686, 65.8015,
53.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D2B6
RGB	227, 210, 182
RGB Percent	89%, 82%, 71%
CMY	0.1098, 0.1764, 0.2863
CMYK	0.00, 0.07, 0.20, 0.11
HSL	37°, 45%, 80%
HSV	37°, 20%, 89%
XYZ	63.1686, 65.8015, 53.6276
YIQ	211.8910, 19.1200, -5.1040

Conversions

Conversions Part 2

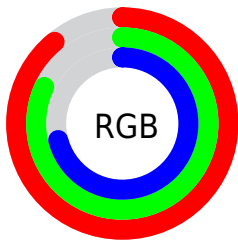
Format	Color
R _Y B	209, 227, 182
Decimal	14930614
CIE Lab	84.90, 1.45, 16.01
CIE LCh	85, 16.077, 84.837
Yxy	65.8015, 0.3459, 0.3604
Android (android.graphics.Color)	4293120694 (0xFFE3D2B6)
YUV	211.8910, -14.7363, 13.2506
Hunter-Lab	81.1181, -2.9545, 17.5858

Details

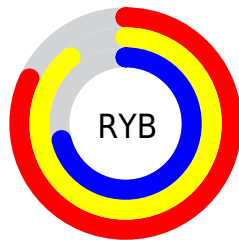
The XYZ color **63.1686, 65.8015, 53.6276** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5796, 56.3365, 80.7234**, and the grayscale version is **62.5943, 65.8540, 71.7151**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.6455, 34.0198, 25.6148** is the 20% darker color. If you saturate the color by 10%, you get **58.9505, 60.8199, 41.5707**, and if you desaturate by 10%, it is **67.8839, 71.1679, 67.7279**.

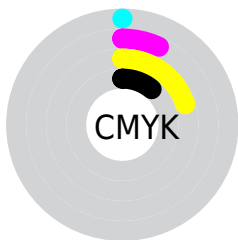
Distribution



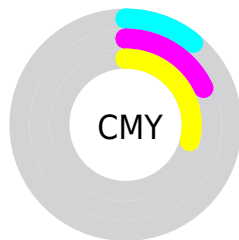
- Red (89%)
- Green (82%)
- Blue (71%)



- Red (82%)
- Yellow (89%)
- Blue (71%)



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





- Cyan (11%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1686, 65.8015, 53.6276 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 63.1686, 65.8015, 53.6276 by changing the saturation by 10% instead.


 63.1686, 65.8015,
53.6276

 63.1686, 65.8015,
53.6276


425.8311,
445.6666, 417.8227

 46.2368, 48.1113,
37.9129

 108.4932,
113.2014, 96.9781

 32.6381, 33.9150,
25.6138


137.6166,
143.6798, 125.4510

 22.0073, 22.8283,
16.3117


171.5346,
179.1898, 159.0136

 13.9789, 14.4668,
9.5883

210.6126,
220.1158, 198.0846

 8.1876, 8.4460,
5.0248

255.2159,
266.8420, 243.0825

 4.2680, 4.3817,
2.2028

305.7098,

 1.8549, 1.8893,

319.7530, 294.4258

0.6760

362.4598,
379.2331, 352.5330

■ 0.5504, 0.5419,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1686, 65.8015,
53.6276

■ 63.1686, 65.8015,
53.6276

■ 58.9505, 60.8199,
41.5707

■ 67.8839, 71.1679,
67.7279

■ 55.2044, 56.2035,
31.4561

■ 73.1100, 76.9205,
83.9580

■ 51.9104, 51.9437,
23.1804

■ 78.8663, 83.0722,
102.4040

■ 49.0449, 48.0281,
16.6286

■ 82.1691, 88.4319,
107.3460

■ 46.5819, 44.4433,
11.6727

■ 84.8133, 93.7202,
108.2274

■ 44.4917, 41.1743,
8.1668

■ 85.4887, 95.0709,
108.4525

■ 42.7397, 38.2040,
5.9374

■ 41.2679, 35.5060,
4.6898

■ 41.2433, 35.4602,
4.6708

Harmonies

Analogous

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



66.6226, 65.8015, 56.6029



63.1686, 65.8015, 53.6276



59.6739, 65.8015, 55.0889

Triad

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



63.1686, 65.8015, 53.6276



56.4565, 65.8015, 80.3188



68.3859, 65.8015, 83.7066

Complementary

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



63.1686, 65.8015, 53.6276



53.5796, 56.3365, 80.7234

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.



65.5013, 65.8015, 91.2283



63.1686, 65.8015, 53.6276



58.6322, 65.8015, 89.1444

Square

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



63.1686, 65.8015, 53.6276



55.8855, 65.8015, 69.8739



61.9203, 65.8015, 93.3078



69.7079, 65.8015, 73.4491

Rectangle

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



63.1686, 65.8015, 53.6276



57.7780, 65.8015, 58.4632



61.9203, 65.8015, 93.3078



67.5616, 65.8015, 86.6764

Sweetspot

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



63.1704, 65.8044, 53.6290



90.8679, 95.4219, 95.8336



58.7450, 53.9227, 61.4978



19.3552, 20.3200, 20.2213



0.0000, 0.0000, 0.0000



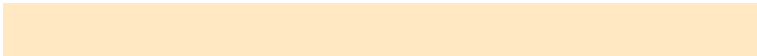
20.3446, 21.4041, 23.3091

Same Dimension

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



63.1704, 65.8044, 53.6290



79.7799, 82.7955, 62.6975



65.9607, 73.8061, 55.0264



15.1204, 15.8546, 15.1678



24.1689, 20.9119, 2.7626



1.8747, 1.7228, 0.2337

Inverse Universe

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



53.5796, 56.3365, 80.7234



65.0374, 68.2439, 104.3523



51.1486, 49.5992, 79.5511



14.0266, 14.7747, 18.2568



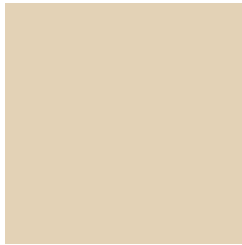
10.1180, 7.2982, 43.2586



0.8349, 0.7136, 3.2257

Previews

White Background



This preview shows how the XYZ color 63.1686, 65.8015, 53.6276 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 63.1686, 65.8015, 53.6276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

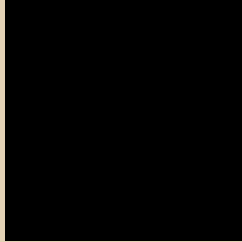
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1686, 65.8015, 53.6276

Background



This preview shows how black text looks on a background with the XYZ color 63.1686, 65.8015, 53.6276.

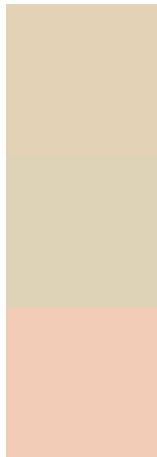


This preview shows how white text looks on a background with the XYZ color 63.1686, 65.8015,

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

63.1686, 65.8015, 53.6276

Protanopia

62.2729, 65.6954, 54.1981

Deuteranopia

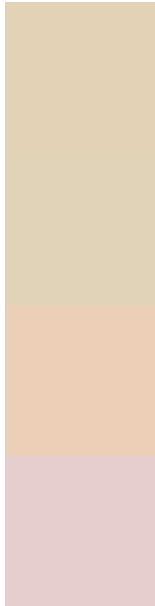
67.1023, 65.6593, 53.9366



Tritanopia

67.9227, 65.5620, 77.4814

Trichromacy



Original Color

63.1686, 65.8015, 53.6276

Protanomaly

62.5820, 65.8547, 54.2126

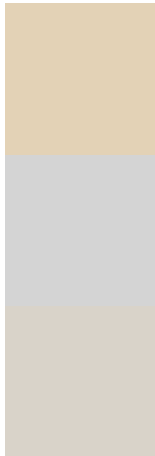
Deuteranomaly

65.5436, 65.5660, 54.0007

Tritanomaly

65.9669, 65.4706, 68.1917

Monochromacy



Original Color

63.1686, 65.8015, 53.6276

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4522, 65.5573, 64.6206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1686, 65.8015, 53.6276 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, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 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, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.1686, 65.8015, 53.6276 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, 210, 182) }
```


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

```
.border{ border-color:rgb(227, 210, 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, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1686, 65.8015, 53.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 182) }
```

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

```
.background{ background-color: rgb(227,  
210, 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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