

Converting Colors

XYZ(63.1428, 66.2596, 53.7948)

Have a look what the booklet for
XYZ(63.1428, 66.2596, 53.7948)
contains.

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Color

**XYZ(63.1018, 66.1347,
53.6954)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D3B6
RGB	226, 211, 182
RGB Percent	89%, 83%, 71%
CMY	0.1137, 0.1725, 0.2863
CMYK	0.00, 0.07, 0.19, 0.11
HSL	40°, 43%, 80%
HSV	40°, 19%, 89%
XYZ	63.1018, 66.1347, 53.6954
YIQ	212.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

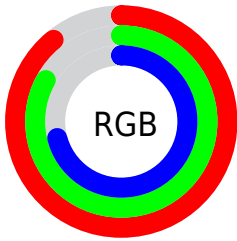
Format	Color
R _Y B	205, 226, 182
Decimal	14865334
CIE Lab	85.07, 0.56, 16.24
CIE LCh	85, 16.248, 88.025
Yxy	66.1347, 0.3449, 0.3615
Android (android.graphics.Color)	4293055414 (0xFFE2D3B6)
YUV	212.1790, -14.8782, 12.1210
Hunter-Lab	81.3232, -3.8107, 17.7788

Details

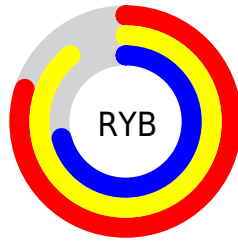
The XYZ color **63.1018, 66.1347, 53.6954** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.9848, 55.3673, 79.8463**, and the grayscale version is **62.7872, 66.0570, 71.9361**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.5970, 34.2450, 25.6608** is the 20% darker color. If you saturate the color by 10%, you get **59.0848, 61.5414, 41.7485**, and if you desaturate by 10%, it is **67.5910, 71.0681, 67.6610**.

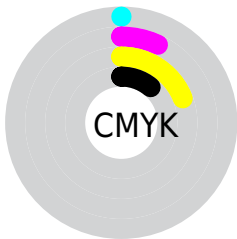
Distribution



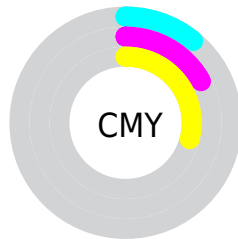
- Red (89%)
- Green (83%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1018, 66.1347, 53.6954 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 63.1018, 66.1347, 53.6954 by changing the saturation by 10% instead.

■ 63.1018, 66.1347,
53.6954

■ 63.1018, 66.1347,
53.6954

425.5926,
446.8585, 418.0891

■ 46.1825, 48.3818,
37.9667

■ 108.3974,
113.6796, 97.0787

■ 32.5951, 34.1293,
25.6552

137.5043,
144.2404, 125.5705

■ 21.9742, 22.9930,
16.3424

171.4046,
179.8393, 159.1536

■ 13.9544, 14.5883,
9.6098

210.4635,
220.8606, 198.2466

■ 8.1705, 8.5310,
5.0388

255.0464,
267.6888, 243.2682

■ 4.2569, 4.4365,
2.2109

305.5187,

■ 1.8485, 1.9206,

320.7082, 294.6367

0.6807

362.2456,
380.3033, 352.7709

■ 0.5466, 0.5607,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1018, 66.1347,
53.6954

■ 63.1018, 66.1347,
53.6954

■ 59.0848, 61.5414,
41.7485

■ 67.5910, 71.0681,
67.6610

■ 55.5155, 57.2695,
31.7205

■ 72.5652, 76.3420,
83.7300

■ 52.3747, 53.3117,
23.5095

■ 78.0432, 81.9680,
101.9877

■ 49.6397, 49.6567,
17.0025

■ 81.1111, 86.7826,
107.0834

■ 47.2853, 46.2923,
12.0736

■ 83.4497, 91.4599,
107.8630

■ 45.2831, 43.2048,
8.5791

■ 85.1742, 94.9088,
108.4378

■ 43.5993, 40.3786,
6.3493

■ 42.1798, 37.7895,
5.1055

■ 42.1084, 37.6571,
5.0492

Harmonies

Analogous

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



66.6578, 66.1347, 56.2379



63.1018, 66.1347, 53.6954



59.6118, 66.1347, 55.6511

Triad

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



63.1018, 66.1347, 53.6954



56.8523, 66.1347, 81.8948



69.0163, 66.1347, 83.2121

Complementary

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



63.1018, 66.1347, 53.6954



52.9848, 55.3673, 79.8463

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.



66.2221, 66.1347, 91.2952



63.1018, 66.1347, 53.6954



59.2074, 66.1347, 90.4842

Square

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



63.1018, 66.1347, 53.6954



56.0884, 66.1347, 71.3173



62.6169, 66.1347, 94.0757



70.1538, 66.1347, 72.7060

Rectangle

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



63.1018, 66.1347, 53.6954



57.7737, 66.1347, 59.3598



62.6169, 66.1347, 94.0757



68.2344, 66.1347, 86.3395

Sweetspot

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



63.1036, 66.1377, 53.6968



91.0427, 95.7716, 95.8919



58.2166, 53.6751, 60.3567



19.3966, 20.4027, 20.2350



0.0000, 0.0000, 0.0000



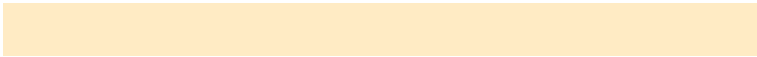
20.3446, 21.4041, 23.3091

Same Dimension

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



63.1036, 66.1377, 53.6968



80.9555, 84.6850, 64.5127



64.9743, 72.8928, 54.9021



14.4579, 15.2017, 14.4790



24.1369, 21.7118, 2.9186



1.7551, 1.6691, 0.2297

Inverse Universe

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



52.9848, 55.3673, 79.8463



65.5487, 68.2879, 104.3338



51.3434, 49.7155, 78.8419



13.3320, 14.0031, 17.3879



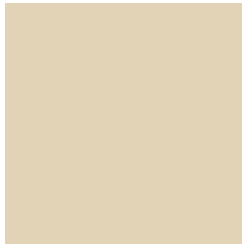
9.4455, 6.3606, 41.7782



0.7358, 0.6031, 2.9229

Previews

White Background



This preview shows how the XYZ color 63.1018, 66.1347, 53.6954 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 63.1018, 66.1347, 53.6954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

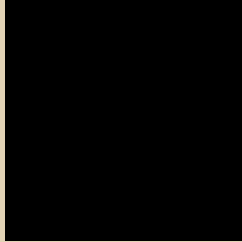
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1018, 66.1347, 53.6954

Background



This preview shows how black text looks on a background with the XYZ color 63.1018, 66.1347, 53.6954.

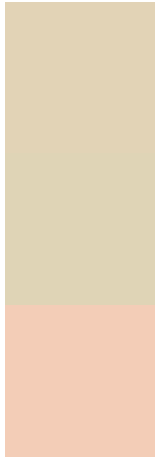


This preview shows how white text looks on a background with the XYZ color 63.1018, 66.1347,

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

63.1018, 66.1347, 53.6954

Protanopia

62.4184, 66.1523, 53.7348

Deuteranopia

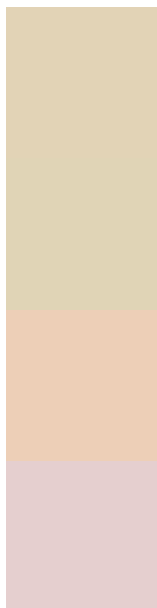
67.3407, 66.1362, 54.0161



Tritanopia

67.8375, 65.8720, 77.5458

Trichromacy



Original Color

63.1018, 66.1347, 53.6954

Protanomaly

62.7275, 66.3117, 53.7493

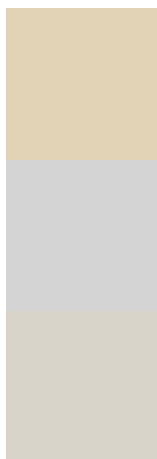
Deuteranomaly

65.7851, 66.0491, 54.0812

Tritanomaly

65.8884, 65.7887, 68.2573

Monochromacy



Original Color

63.1018, 66.1347, 53.6954

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7014, 66.0557, 64.7037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1018, 66.1347, 53.6954 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(226, 211, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 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(226, 211, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.1018, 66.1347, 53.6954 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(226, 211, 182) }
```


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

```
.border{ border-color:rgb(226, 211, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 211, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1018, 66.1347, 53.6954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 182) }
```

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

```
.background{ background-color: rgb(226,  
211, 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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