

Converting Colors

XYZ(64.5639, 69.3741, 53.3601)

Have a look what the booklet for
XYZ(64.5639, 69.3741, 53.3601)
contains.

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Color

**XYZ(64.6737, 69.6068,
53.2068)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DAB4
RGB	226, 218, 180
RGB Percent	89%, 85%, 71%
CMY	0.1137, 0.1451, 0.2941
CMYK	0.00, 0.04, 0.20, 0.11
HSL	50°, 44%, 80%
HSV	50°, 20%, 89%
XYZ	64.6737, 69.6068, 53.2068
YIQ	216.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

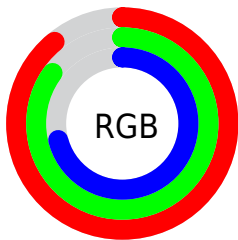
Format	Color
R_{YB}	190, 226, 180
Decimal	14867124
CIE Lab	86.80, -3.34, 19.72
CIE LCh	87, 19.998, 99.619
Yxy	69.6068, 0.3449, 0.3713
Android (android.graphics.Color)	4293057204 (0xFFE2DAB4)
YUV	216.0600, -17.7776, 8.7174
Hunter-Lab	83.4307, -7.6343, 20.5901

Details

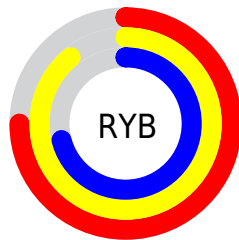
The XYZ color **64.6737, 69.6068, 53.2068** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5330, 51.1598, 79.1636**, and the grayscale version is **65.4219, 68.8289, 74.9547**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **33.5055, 36.2727, 25.3141** is the 20% darker color. If you saturate the color by 10%, you get **61.5506, 66.7492, 41.7182**, and if you desaturate by 10%, it is **68.2001, 72.6691, 66.6835**.

Distribution



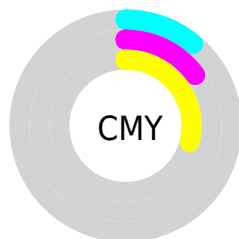
- Red (89%)
- Green (85%)
- Blue (71%)



- Red (75%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6737, 69.6068, 53.2068 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 64.6737, 69.6068, 53.2068 by changing the saturation by 10% instead.

■ 64.6737, 69.6068,
53.2068

■ 64.6737, 69.6068,
53.2068

431.1822,
459.1682, 416.1668

■ 47.4603, 51.2060,
37.5790

■ 110.6489,
118.6479, 96.3532

■ 33.6091, 36.3726,
25.3568

140.1414,
150.0569, 124.7090

■ 22.7549, 24.7221,
16.1217

174.4577,
186.5709, 158.1444

■ 14.5324, 15.8701,
9.4550

213.9630,
228.5742, 197.0782

■ 8.5760, 9.4323,
4.9383

259.0227,
276.4512, 241.9288

■ 4.5206, 5.0242,
2.1530

310.0023,

■ 2.0006, 2.2615,

330.5863, 293.1147

0.6470

367.2670,
391.3638, 351.0545

■ 0.6343, 0.7532,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6737, 69.6068,
53.2068

■ 64.6737, 69.6068,
53.2068

■ 61.5506, 66.7492,
41.7182

■ 68.2001, 72.6691,
66.6835

■ 58.8069, 64.0794,
32.1176

■ 72.1413, 75.9339,
82.2332

■ 56.4247, 61.5922,
24.3027

■ 76.5154, 79.4109,
99.9411

■ 54.3821, 59.2787,
18.1599

■ 78.7570, 82.0744,
106.2987

■ 52.6549, 57.1290,
13.5622

■ 79.8861, 84.3325,
106.6751

■ 51.2155, 55.1317,
10.3647

■ 81.0401, 86.6405,
107.0598

■ 50.0308, 53.2733,
8.3949

■ 82.2192, 88.9987,
107.4528

■ 49.0749, 51.5901,
7.3714

■ 83.4235, 91.4074,
107.8542

■ 84.6533, 93.8669,
108.2642

Harmonies

Analogous

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



69.3279, 69.6068, 54.1965



64.6737, 69.6068, 53.2068



60.6101, 69.6068, 57.6971

Triad

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



64.6737, 69.6068, 53.2068



59.4964, 69.6068, 93.3535



74.9159, 69.6068, 85.0795

Complementary

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



64.6737, 69.6068, 53.2068



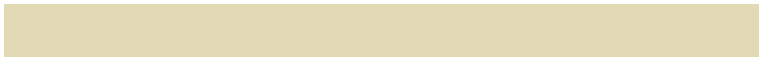
50.5330, 51.1598, 79.1636

Split Complementary

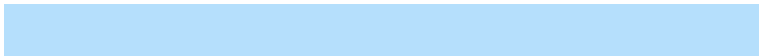
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0370, 69.6068, 97.3176



64.6737, 69.6068, 53.2068



63.0885, 69.6068, 102.4700

Square

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



64.6737, 69.6068, 53.2068



57.7149, 69.6068, 80.1578



67.6672, 69.6068, 104.0001



75.3893, 69.6068, 71.5837

Rectangle

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



64.6737, 69.6068, 53.2068



58.7288, 69.6068, 63.5423



67.6672, 69.6068, 104.0001



74.1912, 69.6068, 89.5183

Sweetspot

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



64.6755, 69.6099, 53.2083



91.8411, 97.3684, 96.1580



56.8100, 52.4618, 54.9551



19.5857, 20.7808, 20.2981



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.



64.6755, 69.6099, 53.2083



83.4150, 90.0658, 63.9092



62.4236, 71.6017, 53.7114



14.6585, 15.6029, 14.5459



28.0748, 29.5874, 4.2312



2.0000, 2.1589, 0.3113

Inverse Universe

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



50.5330, 51.1598, 79.1636



61.9438, 62.0569, 103.3211



52.4435, 49.6789, 78.7771



13.1437, 13.6265, 17.3251



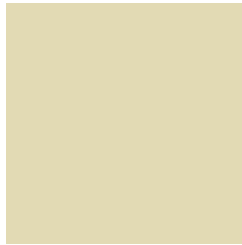
8.3107, 4.0909, 41.4000



0.6342, 0.3999, 2.8890

Previews

White Background



This preview shows how the XYZ color 64.6737, 69.6068, 53.2068 looks on a white background.

Color Contrast Check

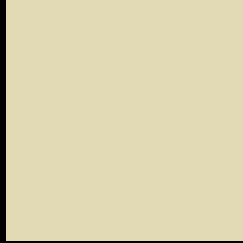
Large Text (above 18pt) WCAG AA × Fail

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 64.6737, 69.6068, 53.2068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

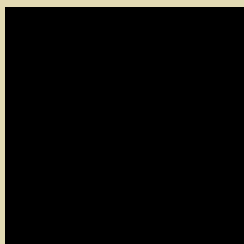
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

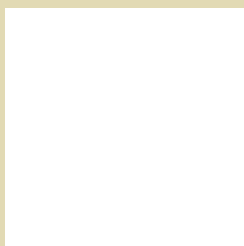
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6737, 69.6068, 53.2068

Background



This preview shows how black text looks on a background with the XYZ color 64.6737, 69.6068, 53.2068.



This preview shows how white text looks on a background with the XYZ color 64.6737, 69.6068,

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

64.6737, 69.6068, 53.2068

Protanopia

65.5827, 69.7034, 52.6453

Deuteranopia

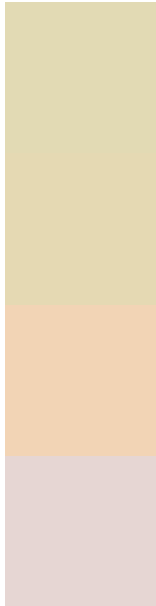
71.0276, 69.4876, 53.9248



Tritanopia

70.5766, 69.3458, 83.0641

Trichromacy



Original Color

64.6737, 69.6068, 53.2068

Protanomaly

65.2626, 69.5384, 52.6304

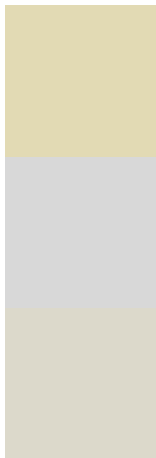
Deuteranomaly

68.5019, 69.3004, 53.4819

Tritanomaly

68.4376, 69.6193, 71.4588

Monochromacy



Original Color

64.6737, 69.6068, 53.2068

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1075, 69.1531, 66.4163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6737, 69.6068, 53.2068 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, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 180)  
}
```

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, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 180) }
```

Border

The CSS property to change the border of an element to XYZ 64.6737, 69.6068, 53.2068 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, 218, 180) }
```


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

```
.border{ border-color:rgb(226, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 180);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6737, 69.6068, 53.2068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 180) }
```

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

```
.background{ background-color: rgb(226,  
218, 180) }
```

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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