

Converting Colors

XYZ(64.2825, 66.9751, 57.3249)

Have a look what the booklet for
XYZ(64.2825, 66.9751, 57.3249)
contains.

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Color

**XYZ(64.2991, 67.0487,
57.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4BC
RGB	227, 212, 188
RGB Percent	89%, 83%, 74%
CMY	0.1098, 0.1686, 0.2627
CMYK	0.00, 0.07, 0.17, 0.11
HSL	37°, 41%, 81%
HSV	37°, 17%, 89%
XYZ	64.2991, 67.0487, 57.1297
YIQ	213.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

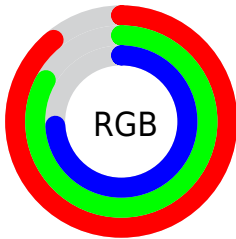
Format	Color
R_{YB}	212, 227, 188
Decimal	14931132
CIE Lab	85.53, 1.30, 13.74
CIE LCh	86, 13.800, 84.578
Yxy	67.0487, 0.3412, 0.3557
Android (android.graphics.Color)	4293121212 (0xFFE3D4BC)
YUV	213.7490, -12.6943, 11.6211
Hunter-Lab	81.8833, -3.1280, 15.9518

Details

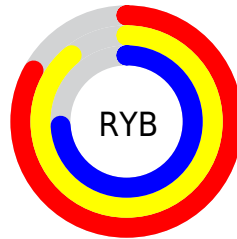
The XYZ color **64.2991, 67.0487, 57.1297** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9598, 58.9479, 81.1021**, and the grayscale version is **63.8241, 67.1479, 73.1240**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **33.2247, 34.5211, 27.8338** is the 20% darker color. If you saturate the color by 10%, you get **59.9193, 61.9017, 44.5315**, and if you desaturate by 10%, it is **69.1854, 72.5916, 71.7972**.

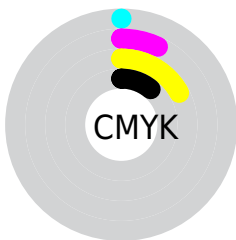
Distribution



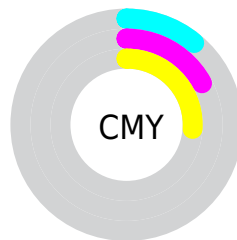
- Red (89%)
- Green (83%)
- Blue (74%)



- Red (83%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2991, 67.0487, 57.1297 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 64.2991, 67.0487, 57.1297 by changing the saturation by 10% instead.

■ 64.2991, 67.0487,
57.1297

■ 64.2991, 67.0487,
57.1297

429.8541,
450.1181, 431.4425

■ 47.1556, 49.1242,
40.6993

■ 110.1129,
114.9902, 102.1566

■ 33.3671, 34.7180,
27.7663

139.5139,
145.7760, 131.5903

■ 22.5684, 23.4457,
17.9121

173.7314,
181.6176, 166.1954

■ 14.3941, 14.9230,
10.7181

213.1307,
222.8996, 206.3906

■ 8.4788, 8.7654,
5.7658

258.0773,
270.0062, 252.5943

■ 4.4572, 4.5884,
2.6367

308.9365,

■ 1.9639, 2.0079,

323.3219, 305.2252

0.9113

366.0736,
383.2311, 364.7017

■ 0.6136, 0.6120,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2991, 67.0487,
57.1297

■ 64.2991, 67.0487,
57.1297

■ 59.9193, 61.9017,
44.5315

■ 69.1854, 72.5916,
71.7972

■ 56.0208, 57.1307,
33.9033

■ 74.5914, 78.5317,
88.6188

■ 52.5842, 52.7273,
25.1439

■ 80.3586, 84.8107,
106.7425

■ 49.5864, 48.6790,
18.1411

■ 82.9644, 90.0223,
107.6111

■ 47.0019, 44.9725,
12.7708

■ 85.4887, 95.0710,
108.4525

■ 44.8021, 41.5932,
8.8924

■ 42.9538, 38.5242,
6.3410

■ 41.4138, 35.7450,
4.9005

■ 41.0159, 35.0054,
4.5949

Harmonies

Analogous

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



67.2862, 67.0487, 59.8191



64.2991, 67.0487, 57.1297



61.2529, 67.0487, 58.4019

Triad

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



64.2991, 67.0487, 57.1297



58.4010, 67.0487, 80.4242



68.7680, 67.0487, 83.4760

Complementary

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



64.2991, 67.0487, 57.1297



55.9598, 58.9479, 81.1021

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.



66.2684, 67.0487, 89.8587



64.2991, 67.0487, 57.1297



60.2971, 67.0487, 87.9980

Square

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



64.2991, 67.0487, 57.1297



57.9124, 67.0487, 71.3854



63.1599, 67.0487, 91.5776



69.9199, 67.0487, 74.6482

Rectangle

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



64.2991, 67.0487, 57.1297



59.5893, 67.0487, 61.3840



63.1599, 67.0487, 91.5776



68.0536, 67.0487, 86.0065

Sweetspot

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



64.3009, 67.0517, 57.1311



91.5206, 96.1178, 97.9303



60.5136, 56.6386, 64.6192



19.4860, 20.4587, 20.6435



0.0000, 0.0000, 0.0000



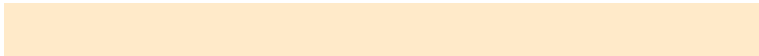
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3009, 67.0517, 57.1311



81.3754, 84.5778, 67.5725



67.0090, 74.2733, 58.3823



15.1119, 15.8376, 15.1649



24.0367, 20.6476, 2.7185



1.8655, 1.7043, 0.2306

Inverse Universe

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



55.9598, 58.9479, 81.1021



68.3904, 71.9636, 104.8935



53.5621, 52.7068, 80.0239



14.0349, 14.7911, 18.2596



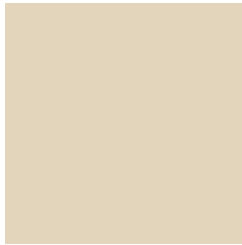
10.1918, 7.4456, 43.2832



0.8409, 0.7256, 3.2277

Previews

White Background



This preview shows how the XYZ color 64.2991, 67.0487, 57.1297 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 64.2991, 67.0487, 57.1297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

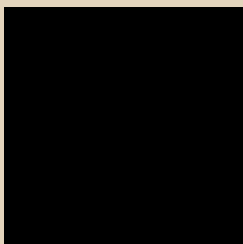
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

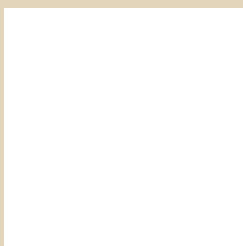
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2991, 67.0487, 57.1297

Background



This preview shows how black text looks on a background with the XYZ color 64.2991, 67.0487, 57.1297.



This preview shows how white text looks on a background with the XYZ color 64.2991, 67.0487,

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

64.2991, 67.0487, 57.1297

Protanopia

63.4110, 66.9506, 57.7248

Deuteranopia

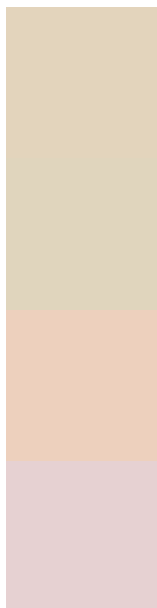
68.2188, 66.8714, 57.4561



Tritanopia

68.9108, 67.1092, 79.1334

Trichromacy



Original Color

64.2991, 67.0487, 57.1297

Protanomaly

63.7200, 67.1099, 57.7392

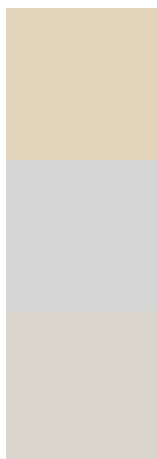
Deuteranomaly

66.6662, 66.7904, 57.5223

Tritanomaly

67.0664, 67.0771, 70.3852

Monochromacy



Original Color

64.2991, 67.0487, 57.1297

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0271, 67.0563, 67.3262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2991, 67.0487, 57.1297 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 188) }
```

Border

The CSS property to change the border of an element to XYZ 64.2991, 67.0487, 57.1297 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, 188) }
```


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

```
.border{ border-color:rgb(227, 212, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 188);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2991, 67.0487, 57.1297 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, 188) }
```

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

```
.background{ background-color: rgb(227,  
212, 188) }
```

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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