

Converting Colors

XYZ(66.0414, 71.2901, 58.4248)

Have a look what the booklet for
XYZ(66.0414, 71.2901, 58.4248)
contains.

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Color

**XYZ(66.0931, 71.3946,
58.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DDBD
RGB	225, 221, 189
RGB Percent	88%, 87%, 74%
CMY	0.1176, 0.1333, 0.2588
CMYK	0.00, 0.02, 0.16, 0.12
HSL	53°, 37%, 81%
HSV	53°, 16%, 88%
XYZ	66.0931, 71.3946, 58.4412
YIQ	218.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

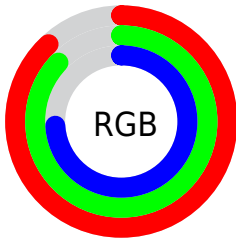
Format	Color
RYB	194, 225, 189
Decimal	14802365
CIELab	87.68, -3.91, 16.22
CIELCh	88, 16.681, 103.554
Yxy	71.3946, 0.3373, 0.3644
Android (android.graphics.Color)	4292992445 (0xFFE1DDBD)
YUV	218.5480, -14.5672, 5.6584
Hunter-Lab	84.4953, -8.2423, 18.1388

Details

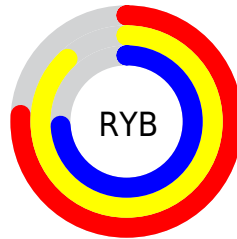
The XYZ color **66.0931, 71.3946, 58.4412** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6467, 54.3939, 78.9062**, and the grayscale version is **67.1120, 70.6071, 76.8911**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **34.6577, 37.5961, 28.7227** is the 20% darker color. If you saturate the color by 10%, you get **63.1841, 69.1863, 46.3423**, and if you desaturate by 10%, it is **69.3946, 73.7804, 72.5420**.

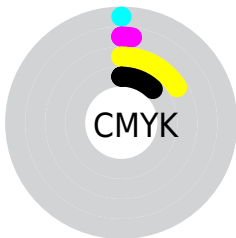
Distribution



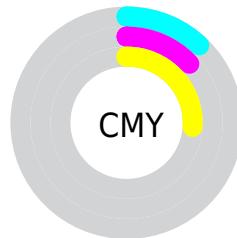
- Red (88%)
- Green (87%)
- Blue (74%)



- Red (76%)
- Yellow (88%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0931, 71.3946, 58.4412 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 66.0931, 71.3946, 58.4412 by changing the saturation by 10% instead.

■ 66.0931, 71.3946,
58.4412

■ 66.0931, 71.3946,
58.4412

436.1932,
465.4317, 436.4720

■ 48.6160, 52.6643,
41.7464

■ 112.6769,
121.1954, 104.0862

■ 34.5282, 37.5348,
28.5787

142.5143,
153.0347, 133.8735

■ 23.4645, 25.6219,
18.5195

177.2026,
190.0125, 168.8620

■ 15.0594, 16.5410,
11.1503

217.1069,
232.5130, 209.4703

■ 8.9477, 9.9078,
6.0526

262.5928,
280.9209, 256.1169

■ 4.7639, 5.3378,
2.8078

314.0256,

■ 2.1427, 2.4468,

335.6203, 309.2203

0.9973

371.7706,
396.9958, 369.1992

■ 0.7123, 0.8498,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0931, 71.3946,
58.4412

■ 66.0931, 71.3946,
58.4412

■ 63.1841, 69.1863,
46.3423

■ 69.3946, 73.7804,
72.5420

■ 60.6446, 67.1391,
36.1491

■ 73.0994, 76.3408,
88.7259

■ 58.4575, 65.2483,
27.7640

■ 76.9818, 78.9881,
105.7966

■ 56.6024, 63.5059,
21.0794

■ 77.6757, 80.3759,
106.0279

■ 55.0566, 61.9026,
15.9758

■ 78.3795, 81.7836,
106.2625

■ 53.7945, 60.4281,
12.3187

■ 79.0934, 83.2114,
106.5005

■ 52.7861, 59.0704,
9.9508

■ 79.8173, 84.6592,
106.7418

■ 51.9945, 57.8146,
8.6774

■ 80.5514, 86.1273,
106.9865

■ 51.7130, 57.3306,
8.3403

■ 81.2955, 87.6156,
107.2345

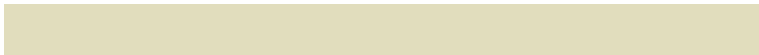
Harmonies

Analogous

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



70.0326, 71.3946, 58.6766



66.0931, 71.3946, 58.4412



62.7560, 71.3946, 63.0071

Triad

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



66.0931, 71.3946, 58.4412



62.4989, 71.3946, 93.7167



75.4105, 71.3946, 84.0622

Complementary

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



66.0931, 71.3946, 58.4412



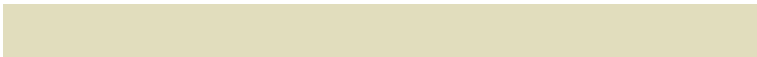
53.6467, 54.3939, 78.9062

Split Complementary

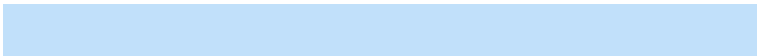
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.2302, 71.3946, 94.5994



66.0931, 71.3946, 58.4412



65.7297, 71.3946, 100.5327

Square

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



66.0931, 71.3946, 58.4412



60.7360, 71.3946, 82.9492



69.6549, 71.3946, 100.8706



75.5170, 71.3946, 72.7471

Rectangle

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



66.0931, 71.3946, 58.4412



61.2796, 71.3946, 68.4416



69.6549, 71.3946, 100.8706



74.8921, 71.3946, 87.8372

Sweetspot

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



66.0950, 71.3978, 58.4427



92.6149, 98.3064, 98.2951



58.8977, 56.2629, 58.3257



19.7525, 20.9917, 20.7323



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.



66.0950, 71.3978, 58.4427



86.5162, 93.8803, 72.3043



63.0325, 71.4036, 58.6053



14.7351, 15.7561, 14.5714



29.8529, 33.1437, 4.8240



2.1068, 2.3725, 0.3469

Inverse Universe

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



53.6467, 54.3939, 78.9062



67.1818, 67.4710, 104.0901



56.3632, 54.5009, 78.7837



13.0739, 13.4869, 17.3019



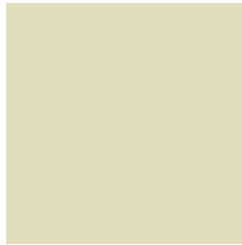
8.0734, 3.6164, 41.3209



0.6012, 0.3339, 2.8780

Previews

White Background



This preview shows how the XYZ color 66.0931, 71.3946, 58.4412 looks on a white background.

Color Contrast Check

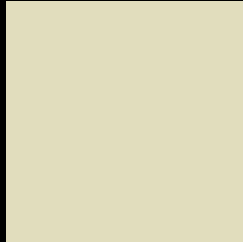
Large Text (above 18pt) WCAG AA × Fail

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 66.0931, 71.3946, 58.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

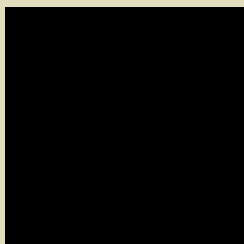
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

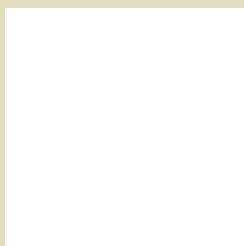
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0931, 71.3946, 58.4412

Background



This preview shows how black text looks on a background with the XYZ color 66.0931, 71.3946, 58.4412.



This preview shows how white text looks on a background with the XYZ color 66.0931, 71.3946,

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

66.0931, 71.3946, 58.4412

Protanopia

67.3636, 71.2828, 57.7855

Deuteranopia

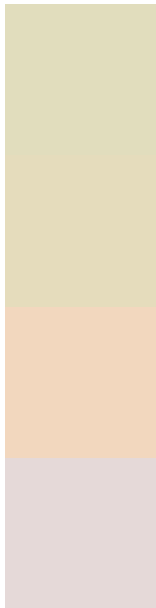
72.7311, 71.3578, 59.2303



Tritanopia

71.8209, 71.4160, 86.3432

Trichromacy



Original Color

66.0931, 71.3946, 58.4412

Protanomaly

66.9834, 71.4753, 57.8427

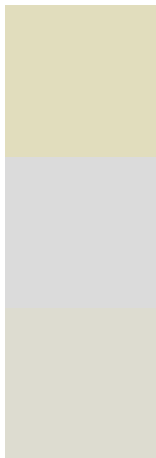
Deuteranomaly

70.2127, 71.1958, 58.7568

Tritanomaly

69.5206, 71.2416, 75.0526

Monochromacy



Original Color

66.0931, 71.3946, 58.4412

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7972, 71.1126, 69.8800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0931, 71.3946, 58.4412 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(225, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(225, 221, 189)  
}
```

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(225, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 221, 189) }
```

Border

The CSS property to change the border of an element to XYZ 66.0931, 71.3946, 58.4412 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(225, 221, 189) }
```


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

```
.border{ border-color:rgb(225, 221, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 221, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 221, 189); box-shadow:4px 4px 4px 4px rgb(225, 221, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0931, 71.3946, 58.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 221, 189) }
```

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

```
.background{ background-color: rgb(225,  
221, 189) }
```

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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