

Converting Colors

XYZ(66.1107, 73.2732, 53.3069)

Have a look what the booklet for
XYZ(66.1107, 73.2732, 53.3069)
contains.

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Color

**XYZ(66.1132, 73.1127,
53.2754)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E1B3
RGB	225, 225, 179
RGB Percent	88%, 88%, 70%
CMY	0.1176, 0.1176, 0.2980
CMYK	0.00, 0.00, 0.20, 0.12
HSL	60°, 43%, 79%
HSV	60°, 20%, 88%
XYZ	66.1132, 73.1127, 53.2754
YIQ	219.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

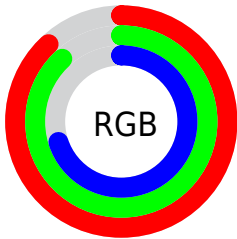
Format	Color
RYB	179, 225, 179
Decimal	14803379
CIELab	88.50, -7.42, 22.58
CIELCh	89, 23.765, 108.195
Yxy	73.1127, 0.3434, 0.3798
Android (android.graphics.Color)	4292993459 (0xFFE1E1B3)
YUV	219.7560, -20.0927, 4.5990
Hunter-Lab	85.5060, -11.6193, 22.9129

Details

The XYZ color **66.1132, 73.1127, 53.2754** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3040, 47.2621, 77.8150**, and the grayscale version is **67.9874, 71.5281, 77.8941**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **34.5028, 38.6908, 25.3882** is the 20% darker color. If you saturate the color by 10%, you get **64.0207, 72.2781, 42.2523**, and if you desaturate by 10%, it is **68.5809, 74.1024, 66.2573**.

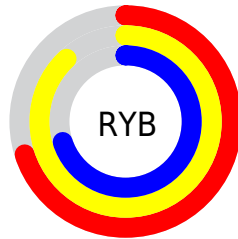
Distribution



Red (88%)

Green (88%)

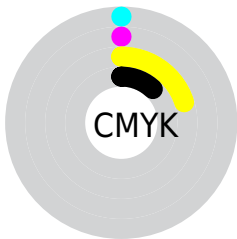
Blue (70%)



Red (70%)

Yellow (88%)

Blue (70%)

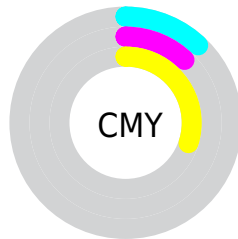


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1132, 73.1127, 53.2754 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 66.1132, 73.1127, 53.2754 by changing the saturation by 10% instead.

■ 66.1132, 73.1127,
53.2754

■ 66.1132, 73.1127,
53.2754

436.2639,
471.4053, 416.4371

■ 48.6323, 54.0681,
37.6334

■ 112.7056,
123.6372, 96.4551

■ 34.5413, 38.6561,
25.3987

142.5479,
155.8859, 124.8300

■ 23.4746, 26.4923,
16.1526

177.2414,
193.3048, 158.2862

■ 15.0669, 17.1923,
9.4767

217.1514,
236.2782, 197.2424

■ 8.9530, 10.3717,
4.9524

262.6433,
285.1905, 242.1170

■ 4.7674, 5.6461,
2.1611

314.0824,

■ 2.1448, 2.6311,

340.4263, 293.3286

0.6518

371.8342,
402.3697, 351.2958

■ 0.7134, 0.9423,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1132, 73.1127,
53.2754

■ 66.1132, 73.1127,
53.2754

■ 64.0207, 72.2781,
42.2523

■ 68.5809, 74.1024,
66.2573

■ 62.2797, 71.5816,
33.0886

■ 71.4349, 75.2441,
81.2817

■ 60.8726, 71.0186,
25.6833

■ 74.6927, 76.5473,
98.4330

■ 59.7780, 70.5807,
19.9239

■ 76.0316, 77.0829,
105.4789

■ 58.9722, 70.2583,
15.6848

■ 76.0325, 77.0834,
105.4790

■ 58.4278, 70.0404,
12.8224

■ 76.0333, 77.0838,
105.4790

■ 58.1124, 69.9142,
11.1658

■ 76.0341, 77.0842,
105.4791

■ 57.9715, 69.8578,
10.4285

■ 76.0350, 77.0847,
105.4791

■ 76.0358, 77.0851,
105.4791

Harmonies

Analogous

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



71.7659, 73.1127, 52.5830



66.1132, 73.1127, 53.2754



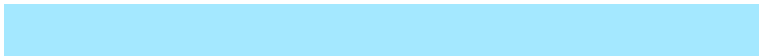
61.6108, 73.1127, 60.4017

Triad

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



66.1132, 73.1127, 53.2754



62.4145, 73.1127, 105.4724



80.8233, 73.1127, 86.2269

Complementary

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



66.1132, 73.1127, 53.2754



48.3040, 47.2621, 77.8150

Split Complementary

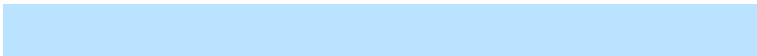
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0169, 73.1127, 102.5053



66.1132, 73.1127, 53.2754



67.2655, 73.1127, 114.5934

Square

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



66.1132, 73.1127, 53.2754



59.5575, 73.1127, 89.8541



72.9828, 73.1127, 113.4385



80.4728, 73.1127, 70.1707

Rectangle

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



66.1132, 73.1127, 53.2754



59.7715, 73.1127, 68.4707



72.9828, 73.1127, 113.4385



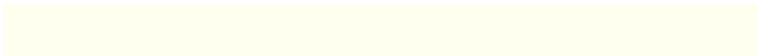
80.2118, 73.1127, 91.8904

Sweetspot

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



66.1151, 73.1160, 53.2770



92.6830, 99.0531, 96.4389



55.3105, 51.5042, 49.6749



19.7853, 21.1804, 20.3647



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.



66.1151, 73.1160, 53.2770



86.4287, 96.5512, 63.5155



59.4218, 69.6654, 52.9637



14.8716, 16.0295, 14.6170



33.4040, 40.2529, 6.0090



2.3154, 2.7901, 0.4165

Inverse Universe

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



48.3040, 47.2621, 77.8150



58.2861, 55.7005, 102.2870



54.0700, 50.2346, 78.0848



12.9523, 13.2434, 17.2613



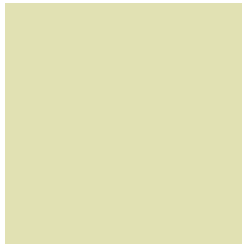
7.8318, 3.1327, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 66.1132, 73.1127, 53.2754 looks on a white background.

Color Contrast Check

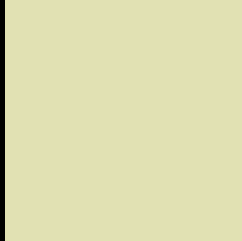
Large Text (above 18pt) WCAG AA × Fail

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 66.1132, 73.1127, 53.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

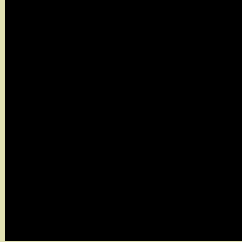
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

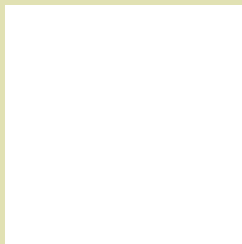
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1132, 73.1127, 53.2754

Background



This preview shows how black text looks on a background with the XYZ color 66.1132, 73.1127, 53.2754.



This preview shows how white text looks on a background with the XYZ color 66.1132, 73.1127,

53.2754.

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

66.1132, 73.1127, 53.2754

Protanopia

68.6492, 73.2497, 52.1154

Deuteranopia

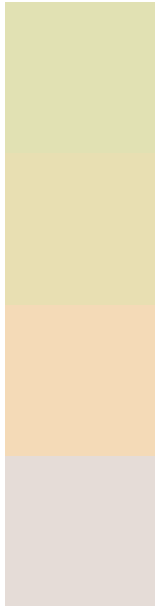
74.0435, 72.8559, 56.0590



Tritanopia

73.0870, 72.7797, 88.7930

Trichromacy



Original Color

66.1132, 73.1127, 53.2754

Protanomaly

67.7023, 73.1455, 52.6697

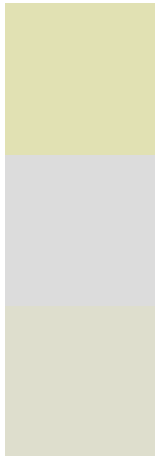
Deuteranomaly

70.9269, 72.7948, 55.1123

Tritanomaly

70.1720, 72.7507, 74.6338

Monochromacy



Original Color

66.1132, 73.1127, 53.2754

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.2649, 72.1799, 68.1445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1132, 73.1127, 53.2754 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, 225, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 179)  
}
```

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, 225, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 179) }
```

Border

The CSS property to change the border of an element to XYZ 66.1132, 73.1127, 53.2754 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, 225, 179) }
```


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

```
.border{ border-color:rgb(225, 225, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 179);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1132, 73.1127, 53.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 179) }
```

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

```
.background{ background-color: rgb(225,  
225, 179) }
```

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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