

Converting Colors

XYZ(66.6366, 72.6077, 52.0975)

Have a look what the booklet for
XYZ(66.6366, 72.6077, 52.0975)
contains.

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Color

**XYZ(66.6366, 72.6077,
52.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DFB1
RGB	229, 223, 177
RGB Percent	90%, 87%, 69%
CMY	0.1020, 0.1255, 0.3059
CMYK	0.00, 0.03, 0.23, 0.10
HSL	53°, 50%, 80%
HSV	53°, 23%, 90%
XYZ	66.6366, 72.6077, 52.0975
YIQ	219.5500, 18.3420, -13.0340

Conversions

Conversions Part 2

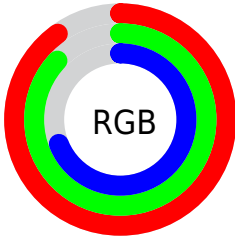
Format	Color
RYB	184, 229, 177
Decimal	15065009
CIELab	88.26, -5.22, 23.33
CIELCh	88, 23.906, 102.600
Yxy	72.6077, 0.3483, 0.3795
Android (android.graphics.Color)	4293255089 (0xFFE5DFB1)
YUV	219.5500, -20.9771, 8.2877
Hunter-Lab	85.2102, -9.5260, 23.3972

Details

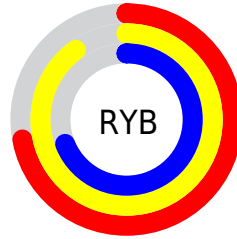
The XYZ color **66.6366, 72.6077, 52.0975** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2076, 48.8701, 80.9685**, and the grayscale version is **67.8481, 71.3814, 77.7344**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **34.8743, 38.3447, 24.6320** is the 20% darker color. If you saturate the color by 10%, you get **63.8438, 70.3732, 40.8348**, and if you desaturate by 10%, it is **69.8273, 75.0240, 65.3843**.

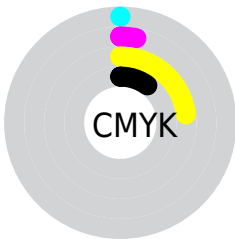
Distribution



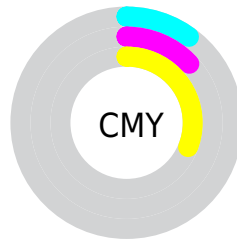
- Red (90%)
- Green (87%)
- Blue (69%)



- Red (72%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6366, 72.6077, 52.0975 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 66.6366, 72.6077, 52.0975 by changing the saturation by 10% instead.

■ 66.6366, 72.6077,
52.0975

■ 66.6366, 72.6077,
52.0975

438.1030,
469.6540, 411.7806

■ 49.0590, 53.6552,
36.7000

■ 113.4522,
122.9201, 94.7031

■ 34.8810, 38.3261,
24.6814

143.4209,
155.0489, 122.7482

■ 23.7373, 26.2359,
15.6230

178.2507,
192.3385, 155.8464

■ 15.2625, 17.0002,
9.1063

218.3069,
235.1735, 194.4160

■ 9.0914, 10.2346,
4.7128

263.9548,
283.9381, 238.8757

■ 4.8584, 5.5548,
2.0240

315.5599,

■ 2.1983, 2.5763,

339.0168, 289.6440

0.5700

373.4875,
400.7940, 347.1394

■ 0.7419, 0.9148,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6366, 72.6077,
52.0975

■ 66.6366, 72.6077,
52.0975

■ 63.8438, 70.3732,
40.8348

■ 69.8273, 75.0240,
65.3843

■ 61.4240, 68.3029,
31.4909

■ 73.4280, 77.6194,
80.7841

■ 59.3584, 66.3917,
23.9581

■ 77.4573, 80.4040,
98.3863

■ 57.6240, 64.6304,
18.1160

■ 79.6627, 82.4770,
106.3287

■ 56.1952, 63.0086,
13.8300

■ 80.4181, 83.9878,
106.5805

■ 55.0424, 61.5144,
10.9446

■ 81.1848, 85.5211,
106.8361

■ 54.1301, 60.1335,
9.2721

■ 81.9627, 87.0770,
107.0954

■ 53.5748, 59.1812,
8.5994

■ 82.7520, 88.6555,
107.3585

■ 83.5526, 90.2568,
107.6254

Harmonies

Analogous

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



72.3575, 72.6077, 52.6169



66.6366, 72.6077, 52.0975



61.8218, 72.6077, 58.0384

Triad

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



66.6366, 72.6077, 52.0975



61.2178, 72.6077, 102.3872



80.0636, 72.6077, 88.8696

Complementary

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



66.6366, 72.6077, 52.0975



49.2076, 48.8701, 80.9685

Split Complementary

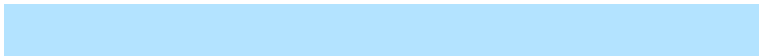
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7380, 72.6077, 104.6223



66.6366, 72.6077, 52.0975



65.7701, 72.6077, 113.1374

Square

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



66.6366, 72.6077, 52.0975



58.8115, 72.6077, 86.1399



71.4420, 72.6077, 114.0078



80.3274, 72.6077, 72.3742

Rectangle

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



66.6366, 72.6077, 52.0975



59.6879, 72.6077, 65.4123



71.4420, 72.6077, 114.0078



79.2586, 72.6077, 94.4793

Sweetspot

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



66.6385, 72.6109, 52.0990



91.6550, 97.5972, 94.2431



56.5901, 51.5249, 51.7997



19.5580, 20.8467, 19.9152



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

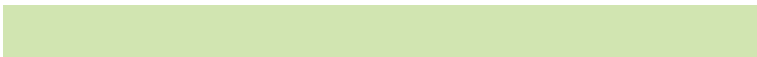
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6385, 72.6109, 52.0990



83.3988, 91.3713, 59.7789



62.2691, 72.7785, 52.3617



15.4523, 16.5185, 15.2784



30.6885, 33.9511, 4.9358



2.3082, 2.5898, 0.3782

Inverse Universe

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



49.2076, 48.8701, 80.9685



57.6474, 56.3004, 102.4365



52.8743, 48.9637, 80.7933



13.7160, 14.1533, 18.1533



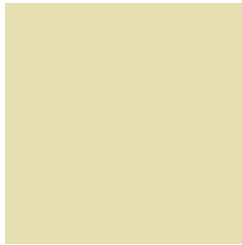
8.3467, 3.7555, 42.6681



0.6614, 0.3667, 3.1679

Previews

White Background



This preview shows how the XYZ color 66.6366, 72.6077, 52.0975 looks on a white background.

Color Contrast Check

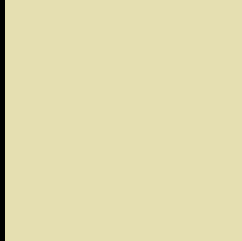
Large Text (above 18pt) WCAG AA × Fail

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 66.6366, 72.6077, 52.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

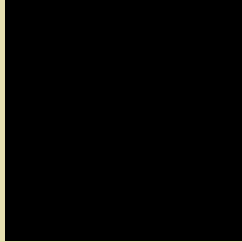
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6366, 72.6077, 52.0975

Background



This preview shows how black text looks on a background with the XYZ color 66.6366, 72.6077, 52.0975.



This preview shows how white text looks on a background with the XYZ color 66.6366, 72.6077,

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

66.6366, 72.6077, 52.0975

Protanopia

67.9539, 72.5097, 51.4885

Deuteranopia

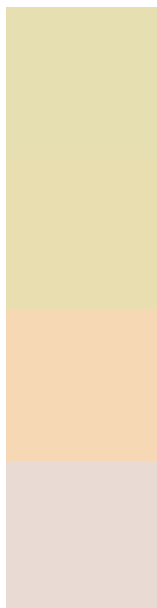
73.4777, 72.2259, 54.3243



Tritanopia

73.4580, 72.2599, 86.4198

Trichromacy



Original Color

66.6366, 72.6077, 52.0975

Protanomaly

67.5620, 72.7008, 51.5460

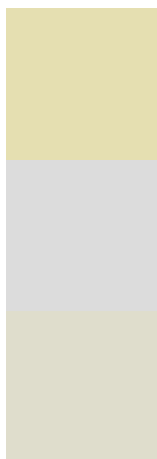
Deuteranomaly

71.0571, 72.5138, 53.4315

Tritanomaly

70.5593, 72.2199, 72.5083

Monochromacy



Original Color

66.6366, 72.6077, 52.0975

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.1870, 71.7605, 67.4368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6366, 72.6077, 52.0975 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(229, 223, 177)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 177)  
}
```

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(229, 223, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 177) }
```

Border

The CSS property to change the border of an element to XYZ 66.6366, 72.6077, 52.0975 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(229, 223, 177) }
```


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

```
.border{ border-color:rgb(229, 223, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 177);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6366, 72.6077, 52.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 177) }
```

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

```
.background{ background-color: rgb(229,  
223, 177) }
```

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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