

Converting Colors

XYZ(67.0382, 75.8198, 52.1429)

Have a look what the booklet for
XYZ(67.0382, 75.8198, 52.1429)
contains.

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Color

**XYZ(66.8738, 75.5755,
52.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E6B0
RGB	224, 230, 176
RGB Percent	88%, 90%, 69%
CMY	0.1216, 0.0980, 0.3098
CMYK	0.03, 0.00, 0.23, 0.10
HSL	67°, 52%, 80%
HSV	67°, 23%, 90%
XYZ	66.8738, 75.5755, 52.1372
YIQ	222.0500, 13.7580, -18.0660

Conversions

Conversions Part 2

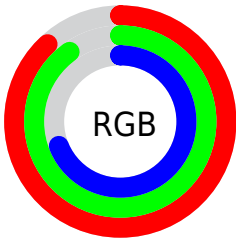
Format	Color
RYB	176, 230, 182
Decimal	14739120
CIELab	89.66, -10.73, 25.71
CIELCh	90, 27.857, 112.655
Yxy	75.5755, 0.3437, 0.3884
Android (android.graphics.Color)	4292929200 (0xFFE0E6B0)
YUV	222.0500, -22.7026, 1.7102
Hunter-Lab	86.9342, -14.8243, 25.2958

Details

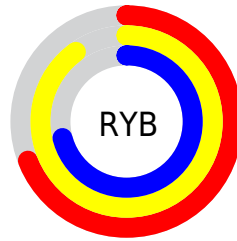
The XYZ color **66.8738, 75.5755, 52.1372** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1025, 46.7109, 81.2952**, and the grayscale version is **69.6167, 73.2422, 79.7607**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **35.0536, 40.4148, 24.6922** is the 20% darker color. If you saturate the color by 10%, you get **64.0022, 74.3385, 41.1131**, and if you desaturate by 10%, it is **70.1469, 76.9796, 65.1958**.

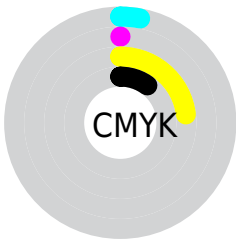
Distribution



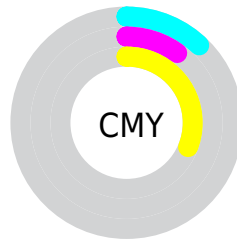
- Red (88%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (71%)



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



- Cyan (12%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8738, 75.5755, 52.1372 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 66.8738, 75.5755, 52.1372 by changing the saturation by 10% instead.

66.8738, 75.5755,
52.1372

66.8738, 75.5755,
52.1372

438.9350,
479.8933, 411.9381

49.2524, 56.0845,
36.7315

113.7904,
127.1267, 94.7622

35.0351, 40.2707,
24.7055

143.8162,
159.9556, 122.8185

23.8566, 27.7496,
15.6407

178.7076,
197.9993, 155.9288

15.3514, 18.1370,
9.1187

218.8299,
241.6422, 194.5115

9.1543, 11.0484,
4.7208

264.5484,
291.2687, 238.9853

4.8999, 6.0994,
2.0285

316.2285,

2.2228, 2.9056,

347.2631, 289.7686

0.5727

374.2356,
410.0098, 347.2800

0.7547, 1.0827,
0.0000

0.0000, 0.0000,
0.0000

66.8738, 75.5755,
52.1372

66.8738, 75.5755,
52.1372

64.0022, 74.3385,
41.1131

70.1469, 76.9796,
65.1958

61.5067, 73.2508,
32.0165

73.8337, 78.5479,
80.3793

59.3682, 72.3073,
24.7377

77.9532, 80.2908,
97.7783

57.5632, 71.4985,
19.1541

80.3559, 81.3483,
106.0743

■ 56.0657, 70.8141,
15.1283

■ 81.2028, 81.7849,
106.1140

■ 54.8453, 70.2418,
12.5010

■ 82.0619, 82.2278,
106.1542

■ 53.8654, 69.7671,
11.0793

■ 82.9332, 82.6770,
106.1949

■ 53.3183, 69.4950,
10.6037

■ 83.8168, 83.1325,
106.2363

■ 84.7127, 83.5943,
106.2782

Harmonies

Analogous

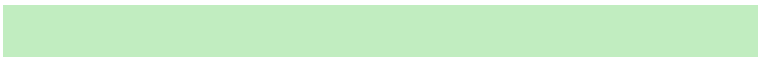
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5305, 75.5755, 50.2404



66.8738, 75.5755, 52.1372



61.8547, 75.5755, 61.4484

Triad

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



66.8738, 75.5755, 52.1372



64.1296, 75.5755, 116.0956



85.7141, 75.5755, 87.2095

Complementary

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



66.8738, 75.5755, 52.1372



49.1025, 46.7109, 81.2952

Split Complementary

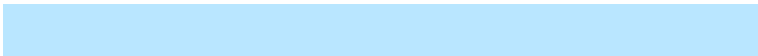
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8289, 75.5755, 107.3775



66.8738, 75.5755, 52.1372



70.1604, 75.5755, 125.6933

Square

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



66.8738, 75.5755, 52.1372



60.3421, 75.5755, 97.7026



77.0299, 75.5755, 122.2723



84.6956, 75.5755, 68.5880

Rectangle

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



66.8738, 75.5755, 52.1372



59.9710, 75.5755, 71.5404



77.0299, 75.5755, 122.2723



85.1627, 75.5755, 94.0634

Sweetspot

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



66.8758, 75.5789, 52.1388



91.5815, 98.5287, 94.4268



57.0774, 53.1702, 48.3299



19.5409, 21.0631, 19.9579



0.0000, 0.0000, 0.0000



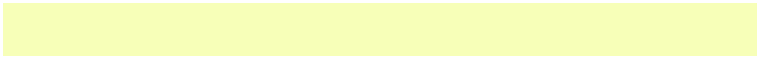
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8758, 75.5789, 52.1388



82.7490, 94.7491, 59.0549



59.3194, 71.6834, 51.7852



15.4355, 16.7316, 15.3204



30.2492, 39.3755, 6.0059



2.2806, 2.9330, 0.4459

Inverse Universe

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



49.1025, 46.7109, 81.2952



56.7293, 52.4814, 101.7477



55.9357, 50.2335, 81.6150



13.7309, 13.9635, 18.1159



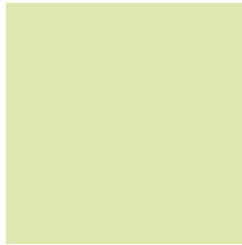
8.3716, 3.3816, 42.5947



0.6685, 0.2756, 3.1499

Previews

White Background



This preview shows how the XYZ color 66.8738, 75.5755, 52.1372 looks on a white background.

Color Contrast Check

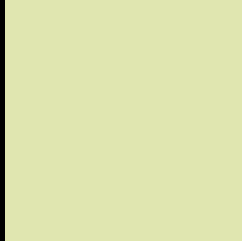
Large Text (above 18pt) WCAG AA × Fail

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 66.8738, 75.5755, 52.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

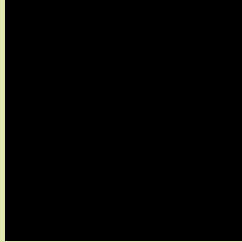
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

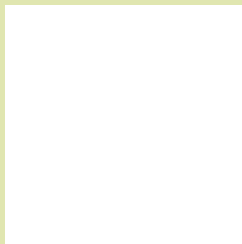
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8738, 75.5755, 52.1372

Background



This preview shows how black text looks on a background with the XYZ color 66.8738, 75.5755, 52.1372.



This preview shows how white text looks on a background with the XYZ color 66.8738, 75.5755,

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

66.8738, 75.5755, 52.1372

Protanopia

70.5004, 75.4317, 50.8884

Deuteranopia

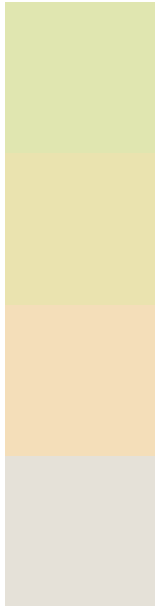
75.6057, 75.1205, 59.2301



Tritanopia

74.9800, 75.6304, 92.3076

Trichromacy



Original Color

66.8738, 75.5755, 52.1372

Protanomaly

69.1386, 75.5257, 51.4914

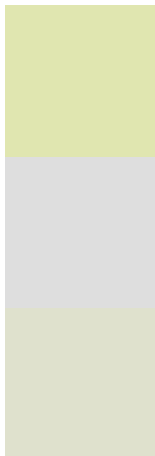
Deuteranomaly

72.1865, 74.9784, 56.5666

Tritanomaly

71.6330, 75.4663, 75.7567

Monochromacy



Original Color

66.8738, 75.5755, 52.1372

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.3761, 73.9462, 68.4268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8738, 75.5755, 52.1372 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(224, 230, 176)` looks like.

```
.text, #text, p{  
    color:rgb(224, 230, 176)  
}
```

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(224, 230, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 230, 176) }
```

Border

The CSS property to change the border of an element to XYZ 66.8738, 75.5755, 52.1372 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(224, 230, 176) }
```


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

```
.border{ border-color:rgb(224, 230, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 230, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 230, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 230, 176); box-shadow:4px 4px 4px 4px rgb(224, 230, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8738, 75.5755, 52.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 230, 176) }
```

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

```
.background{ background-color: rgb(224,  
230, 176) }
```

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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