

Converting Colors

XYZ(56.1686, 68.0786, 48.7092)

Have a look what the booklet for
XYZ(56.1686, 68.0786, 48.7092)
contains.

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Color

**XYZ(56.2682, 68.1282,
48.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E1AB
RGB	193, 225, 171
RGB Percent	76%, 88%, 67%
CMY	0.2431, 0.1176, 0.3294
CMYK	0.14, 0.00, 0.24, 0.12
HSL	96°, 47%, 78%
HSV	96°, 24%, 88%
XYZ	56.2682, 68.1282, 48.7125
YIQ	209.2760, -1.7380, -23.5780

Conversions

Conversions Part 2

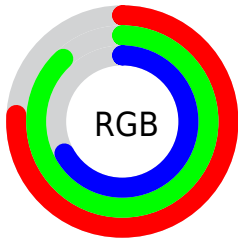
Format	Color
RYB	171, 225, 203
Decimal	12706219
CIELab	86.07, -20.12, 23.02
CIELCh	86, 30.576, 131.161
Yxy	68.1282, 0.3250, 0.3936
Android (android.graphics.Color)	4290896299 (0xFFC1E1AB)
YUV	209.2760, -18.8701, -14.2741
Hunter-Lab	82.5398, -22.7595, 22.7867

Details

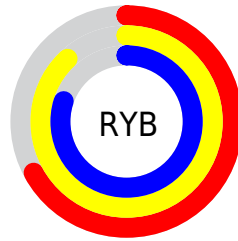
The XYZ color **56.2682, 68.1282, 48.7125** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.7850, 47.2606, 77.5780**, and the grayscale version is **60.9063, 64.0782, 69.7811**.

A 20% lighter version of the original color is **89.0495, 97.3900, 86.7778**, and **28.2922, 35.5464, 22.5095** is the 20% darker color. If you saturate the color by 10%, you get **51.0564, 65.6705, 38.2103**, and if you desaturate by 10%, it is **62.1553, 70.8959, 61.1549**.

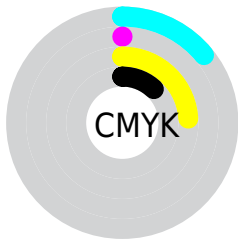
Distribution



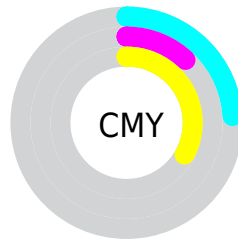
- Red (76%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)





- Cyan (24%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2682, 68.1282, 48.7125 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 56.2682, 68.1282, 48.7125 by changing the saturation by 10% instead.


 56.2682, 68.1282,
48.7125

 56.2682, 68.1282,
48.7125


400.7601,
453.9501, 398.1993

 40.6558, 50.0020,
34.0275


 98.5341, 116.5355,
89.6409

 28.2367, 35.4150,
22.6372

125.9184,
147.5855, 116.7213

 18.6456, 23.9827,
14.1231


157.9574,
183.7121, 148.7706

 11.5169, 15.3208,
8.0666

195.0164,
225.2999, 186.2073

 6.4855, 9.0449,
4.0492

237.4609,
272.7332, 229.4500

 3.1859, 4.7705,
1.6524


285.6561,


 1.2528, 2.1132,


326.3964, 278.9172


0.3278


339.9673,
386.6739, 335.0275


 0.1475, 0.6720,
0.0000


 0.0000, 0.0000,
0.0000


 56.2682, 68.1282,
48.7125


 56.2682, 68.1282,
48.7125


 51.0564, 65.6705,
38.2103


 62.1553, 70.8959,
61.1549


 46.4880, 63.5025,
29.5460

 68.7372, 73.9755,
75.6237

 42.5362, 61.6146,
22.6150

 76.0393, 77.3804,
92.2056

 39.1701, 59.9934,
17.3000

 83.1020, 80.7276,
105.8098

■ 36.3556, 58.6244,
13.4694

■ 86.2166, 82.3333,
105.9555

■ 34.0541, 57.4908,
10.9710

■ 32.2202, 56.5734,
9.6194

■ 31.3061, 56.1110,
9.1805

Harmonies

Analogous

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



62.1754, 68.1282, 42.3452



56.2682, 68.1282, 48.7125



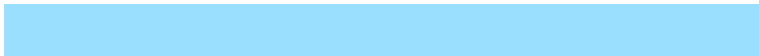
52.7984, 68.1282, 62.3824

Triad

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



56.2682, 68.1282, 48.7125



60.4915, 68.1282, 117.1207



78.9227, 68.1282, 66.9445

Complementary

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



56.2682, 68.1282, 48.7125



52.7850, 47.2606, 77.5780

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.



78.3901, 68.1282, 87.3785



56.2682, 68.1282, 48.7125



67.4025, 68.1282, 118.9469

Square

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



56.2682, 68.1282, 48.7125



55.1123, 68.1282, 102.6496



74.0523, 68.1282, 107.2627



75.4589, 68.1282, 51.5308

Rectangle

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



56.2682, 68.1282, 48.7125



52.1721, 68.1282, 74.9665



74.0523, 68.1282, 107.2627



79.2112, 68.1282, 73.3991

Sweetspot

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



56.2700, 68.1312, 48.7140



88.5226, 96.9518, 94.2836



59.6428, 61.4267, 47.2421



18.8318, 20.6975, 19.9247



0.0000, 0.0000, 0.0000



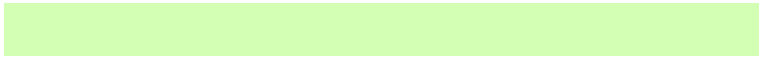
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2700, 68.1312, 48.7140



71.0195, 88.7328, 57.1270



51.5090, 65.6263, 50.7689



14.0548, 15.6084, 14.5787



18.1638, 32.3963, 5.2958



1.3586, 2.2969, 0.3717

Inverse Universe

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



52.7850, 47.2606, 77.5780



65.5967, 56.2757, 102.0127



58.6015, 50.3291, 74.6872



13.7269, 13.6427, 17.2975



13.5725, 6.0922, 41.5089



1.0415, 0.4742, 2.8819

Previews

White Background



This preview shows how the XYZ color 56.2682, 68.1282, 48.7125 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 56.2682, 68.1282, 48.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

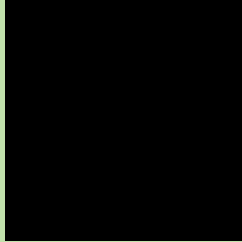
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2682, 68.1282, 48.7125

Background



This preview shows how black text looks on a background with the XYZ color 56.2682, 68.1282, 48.7125.



This preview shows how white text looks on a background with the XYZ color 56.2682, 68.1282,

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

56.2682, 68.1282, 48.7125

Protanopia

63.4965, 68.0121, 45.8574

Deuteranopia

68.8761, 67.3775, 49.9324



Tritanopia

64.2927, 68.2627, 87.6293

Trichromacy



Original Color

56.2682, 68.1282, 48.7125

Protanomaly

60.7183, 68.0891, 46.9881

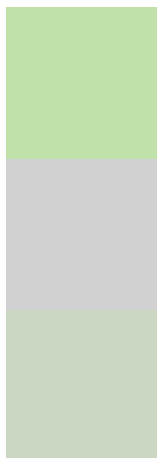
Deuteranomaly

63.7473, 67.3025, 49.6752

Tritanomaly

60.9043, 68.0317, 71.5494

Monochromacy



Original Color

56.2682, 68.1282, 48.7125

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.7794, 65.2375, 61.1239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2682, 68.1282, 48.7125 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(193, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 225, 171)  
}
```

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(193, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 225, 171) }
```

Border

The CSS property to change the border of an element to XYZ 56.2682, 68.1282, 48.7125 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(193, 225, 171) }
```


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

```
.border{ border-color:rgb(193, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 225, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 225, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 225,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2682, 68.1282, 48.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 225, 171) }
```

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

```
.background{ background-color: rgb(193,  
225, 171) }
```

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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