

Converting Colors

XYZ(71.3302, 67.0912, 56.1948)

Have a look what the booklet for
XYZ(71.3302, 67.0912, 56.1948)
contains.

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Color

**XYZ(71.3302, 67.0889,
56.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCABB
RGB	255, 202, 187
RGB Percent	100%, 79%, 73%
CMY	0.0000, 0.2078, 0.2667
CMYK	0.00, 0.21, 0.27, 0.00
HSL	13°, 100%, 87%
HSV	13°, 27%, 100%
XYZ	71.3302, 67.0889, 56.2037
YIQ	216.1370, 36.4030, 6.5710

Conversions

Conversions Part 2

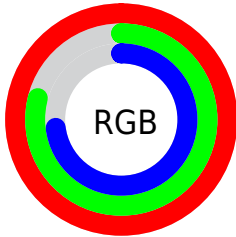
Format	Color
R _Y B	255, 206, 187
Decimal	16763579
CIE Lab	85.55, 16.67, 14.65
CIE LCh	86, 22.189, 41.317
Yxy	67.0889, 0.3665, 0.3447
Android (android.graphics.Color)	4294953659 (0xFFFFCABB)
YUV	216.1370, -14.3645, 34.0829
Hunter-Lab	81.9078, 12.1098, 16.6517

Details

The XYZ color **71.3302, 67.0889, 56.2037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7026, 80.1025, 106.3953**, and the grayscale version is **65.4425, 68.8506, 74.9783**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **37.9189, 34.7714, 27.2673** is the 20% darker color. If you saturate the color by 10%, you get **64.4726, 57.3614, 41.6244**, and if you desaturate by 10%, it is **79.2763, 78.2173, 73.5388**.

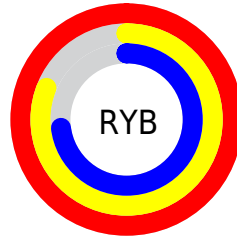
Distribution



Red (100%)

Green (79%)

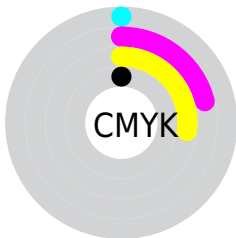
Blue (73%)



Red (100%)

Yellow (81%)

Blue (73%)

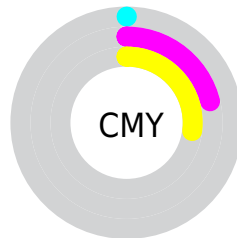


Cyan (0%)

Magenta (21%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3302, 67.0889, 56.2037 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 71.3302, 67.0889, 56.2037 by changing the saturation by 10% instead.


 71.3302, 67.0889,
56.2037

 71.3302, 67.0889,
56.2037


454.4008,
450.2611, 427.8686

 52.8952, 49.1569,
39.9612


 120.1197,
115.0478, 100.7911

 37.9463, 34.7439,
27.1947


151.2050,
145.8434, 129.9731

 26.1180, 23.4657,
17.4858


187.2377,
181.6958, 164.3053

 17.0451, 14.9378,
10.4158

228.5833,
222.9891, 204.2062

 10.3621, 8.7757,
5.5663

275.6070,
270.1080, 250.0945

 5.7038, 4.5952,
2.5187

328.6743,

 2.7048, 2.0118,

323.4367, 302.3886

0.8501

388.1504,
383.3596, 361.5071

■ 0.9996, 0.6143,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3302, 67.0889,
56.2037

■ 71.3302, 67.0889,
56.2037

■ 64.4726, 57.3614,
41.6244

■ 79.2763, 78.2173,
73.5388

■ 58.6502, 48.9700,
29.6541

■ 88.3514, 90.7902,
93.7578

■ 53.8125, 41.8581,
20.1386

95.0500, 100.0000,
108.9000

■ 49.9025, 35.9615,
12.9058

■ 46.8571, 31.2101,
7.7607

■ 44.6042, 27.5265,
4.4757

■ 43.0582, 24.8219,
2.7658

■ 42.6672, 24.1145,
2.4057

Harmonies

Analogous

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



73.7553, 67.0889, 67.7328



71.3302, 67.0889, 56.2037



66.9231, 67.0889, 49.7714

Triad

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



71.3302, 67.0889, 56.2037



55.0137, 67.0889, 64.5082



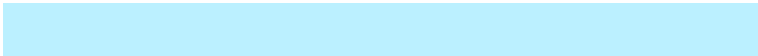
65.6880, 67.0889, 103.8053

Complementary

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



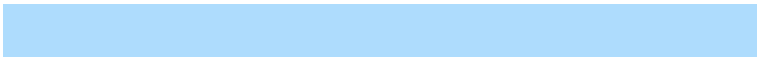
71.3302, 67.0889, 56.2037



69.7026, 80.1025, 106.3953

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.



60.7098, 67.0889, 102.6424



71.3302, 67.0889, 56.2037



54.7220, 67.0889, 78.6351

Square

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



71.3302, 67.0889, 56.2037



57.5754, 67.0889, 54.1118



56.7564, 67.0889, 92.9615



70.3851, 67.0889, 95.9559

Rectangle

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



71.3302, 67.0889, 56.2037



63.5434, 67.0889, 48.6524



56.7564, 67.0889, 92.9615



63.9891, 67.0889, 104.4800

Sweetspot

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



71.3318, 67.0919, 56.2051



87.0739, 89.0275, 90.8893



74.7786, 63.1085, 90.8861



18.3343, 18.6368, 18.7753



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.



71.3318, 67.0919, 56.2051



67.5411, 61.7316, 48.0940



80.1287, 84.6857, 59.1374



18.3343, 18.6368, 18.7753



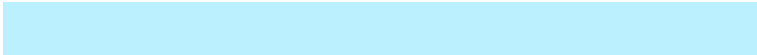
22.3839, 12.7791, 1.2868



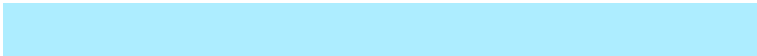
2.2561, 1.3975, 0.1508

Inverse Universe

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



69.7026, 80.1025, 106.3953



65.6546, 76.7148, 105.9548



60.6798, 62.0567, 103.3877



18.1948, 19.7613, 23.1053



20.1866, 25.2829, 53.2507



2.0454, 2.6215, 5.2115

Previews

White Background



This preview shows how the XYZ color 71.3302, 67.0889, 56.2037 looks on a white background.

Color Contrast Check

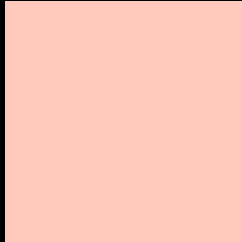
Large Text (above 18pt) WCAG AA × Fail

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 71.3302, 67.0889, 56.2037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

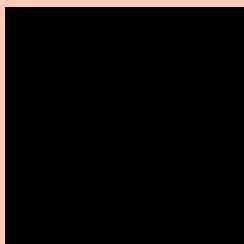
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3302, 67.0889, 56.2037

Background



This preview shows how black text looks on a background with the XYZ color 71.3302, 67.0889, 56.2037.



This preview shows how white text looks on a background with the XYZ color 71.3302, 67.0889,

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

71.3302, 67.0889, 56.2037

Protanopia

63.8513, 67.1267, 60.0435

Deuteranopia

68.5904, 67.1003, 55.7909



Tritanopia

73.6737, 66.9109, 71.9829

Trichromacy



Original Color

71.3302, 67.0889, 56.2037

Protanomaly

66.4654, 67.0247, 58.7242

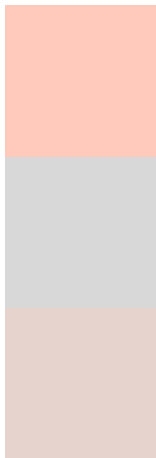
Deuteranomaly

69.7612, 67.3476, 55.7769

Tritanomaly

72.7934, 66.9282, 66.2085

Monochromacy



Original Color

71.3302, 67.0889, 56.2037

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.9468, 67.8193, 67.3196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3302, 67.0889, 56.2037 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(255, 202, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 187)  
}
```

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(255, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 187) }
```

Border

The CSS property to change the border of an element to XYZ 71.3302, 67.0889, 56.2037 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(255, 202, 187) }
```


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

```
.border{ border-color:rgb(255, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 202, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 202, 187); box-shadow:4px 4px 4px 4px rgb(255, 202, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3302, 67.0889, 56.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 187) }
```

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

```
.background{ background-color: rgb(255,  
202, 187) }
```

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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