

Converting Colors

XYZ(73.2272, 71.0282, 56.3883)

Have a look what the booklet for
XYZ(73.2272, 71.0282, 56.3883)
contains.

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Color

**XYZ(73.1495, 70.8984,
56.2837)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2BA
RGB	255, 210, 186
RGB Percent	100%, 82%, 73%
CMY	0.0000, 0.1764, 0.2706
CMYK	0.00, 0.18, 0.27, 0.00
HSL	21°, 100%, 86%
HSV	21°, 27%, 100%
XYZ	73.1495, 70.8984, 56.2837
YIQ	220.7190, 34.5240, 2.0760

Conversions

Conversions Part 2

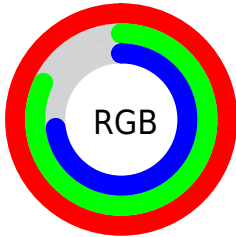
Format	Color
R _Y B	255, 223, 186
Decimal	16765626
CIE Lab	87.44, 12.36, 17.83
CIE LCh	87, 21.694, 55.258
Yxy	70.8984, 0.3651, 0.3539
Android (android.graphics.Color)	4294955706 (0xFFFFD2BA)
YUV	220.7190, -17.1165, 30.0644
Hunter-Lab	84.2012, 7.7192, 19.3088

Details

The XYZ color **73.1495, 70.8984, 56.2837** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8746, 74.8084, 105.5225**, and the grayscale version is **68.6310, 72.2051, 78.6314**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **38.9809, 37.0065, 27.2787** is the 20% darker color. If you saturate the color by 10%, you get **66.7828, 62.1230, 41.9593**, and if you desaturate by 10%, it is **80.4302, 80.7270, 73.3010**.

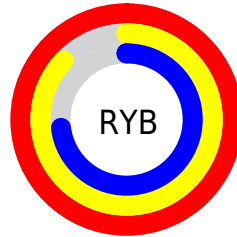
Distribution



Red (100%)

Green (82%)

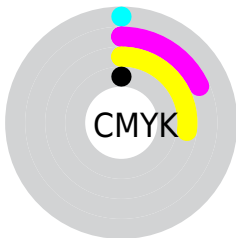
Blue (73%)



Red (100%)

Yellow (87%)

Blue (73%)

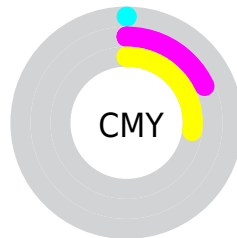


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1495, 70.8984, 56.2837 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 73.1495, 70.8984, 56.2837 by changing the saturation by 10% instead.


 73.1495, 70.8984,
56.2837

 73.1495, 70.8984,
56.2837

460.6286,
463.6982, 428.1781

 54.3870, 52.2593,
40.0249


 122.6914,
120.4890, 100.9092

 39.1431, 37.2118,
27.2440

154.2016,
152.2094, 130.1130

 27.0523, 25.3715,
17.5225


190.6916,
189.0589, 164.4688

 17.7493, 16.3541,
10.4419

232.5270,
231.4220, 204.3953

 10.8687, 9.7750,
5.5835

280.0730,
279.6831, 250.3109

 6.0453, 5.2501,
2.5288

333.6951,

 2.9135, 2.3947,

334.2265, 302.6342

0.8554

393.7585,
395.4368, 361.7838

■ 1.1082, 0.8232,
0.0000

■ 0.0320, 0.0000,
0.0000

■ 73.1495, 70.8984,
56.2837

■ 73.1495, 70.8984,
56.2837

■ 66.7828, 62.1230,
41.9593

■ 80.4302, 80.7270,
73.3010

■ 61.2860, 54.3548,
30.1837

■ 88.6558, 91.6334,
93.1363

■ 56.6192, 47.5586,
20.8055

95.0500, 100.0000,
108.9000

■ 52.7369, 41.6933,
13.6559

■ 49.5884, 36.7143,
8.5432

■ 47.1160, 32.5727,
5.2428

■ 45.2490, 29.2122,
3.4691

■ 44.7888, 28.3575,
3.1129

Harmonies

Analogous

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



76.6804, 70.8984, 65.7887



73.1495, 70.8984, 56.2837



68.2033, 70.8984, 52.3869

Triad

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



73.1495, 70.8984, 56.2837



58.0514, 70.8984, 74.8907



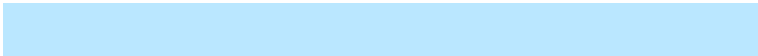
71.6719, 70.8984, 105.5806

Complementary

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



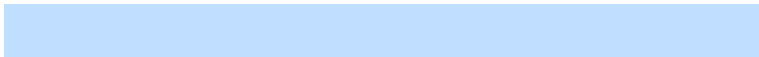
73.1495, 70.8984, 56.2837



66.8746, 74.8084, 105.5225

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.



66.5769, 70.8984, 108.8128



73.1495, 70.8984, 56.2837



58.8762, 70.8984, 89.8518

Square

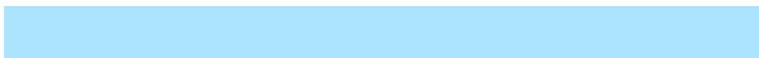
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1495, 70.8984, 56.2837



59.6225, 70.8984, 62.2289



61.9350, 70.8984, 102.7369



75.7974, 70.8984, 94.3896

Rectangle

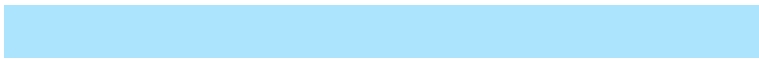
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1495, 70.8984, 56.2837



64.8311, 70.8984, 53.0824



61.9350, 70.8984, 102.7369



70.0088, 70.8984, 107.6895

Sweetspot

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



73.1513, 70.9016, 56.2852



87.8397, 90.5593, 91.1446



73.3648, 62.2047, 84.4843



18.5262, 19.0205, 18.8392



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.



73.1513, 70.9016, 56.2852



69.8927, 66.4348, 48.8779



82.3036, 89.2063, 59.3359



18.5262, 19.0205, 18.8392



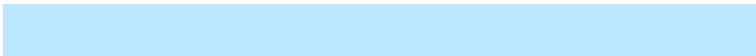
23.5285, 15.0683, 1.6684



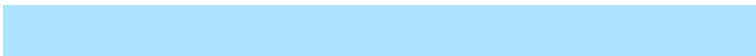
2.3885, 1.6623, 0.1950

Inverse Universe

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



66.8746, 74.8084, 105.5225



62.7350, 70.8755, 104.9816



58.3804, 57.8199, 102.6911



17.9918, 19.3551, 23.0376



16.7289, 18.3673, 52.0981



1.7311, 1.9930, 5.1067

Previews

White Background



This preview shows how the XYZ color 73.1495, 70.8984, 56.2837 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 73.1495, 70.8984, 56.2837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

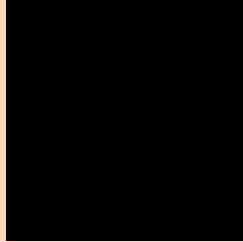
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1495, 70.8984, 56.2837

Background



This preview shows how black text looks on a background with the XYZ color 73.1495, 70.8984, 56.2837.



This preview shows how white text looks on a background with the XYZ color 73.1495, 70.8984,

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

73.1495, 70.8984, 56.2837

Protanopia

67.2589, 71.2037, 58.9140

Deuteranopia

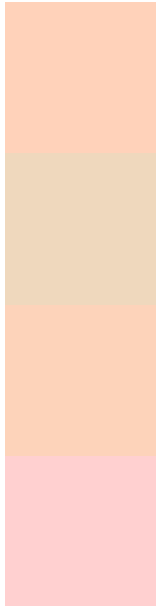
72.3021, 70.8291, 56.3150



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

73.1495, 70.8984, 56.2837

Protanomaly

69.3378, 71.1366, 58.2204

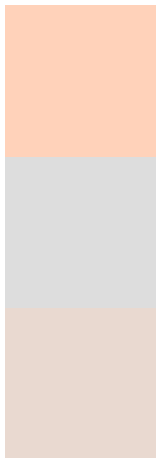
Deuteranomaly

72.6652, 71.0163, 56.3320

Tritanomaly

75.1810, 70.9258, 69.4021

Monochromacy



Original Color

73.1495, 70.8984, 56.2837

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.8023, 71.5034, 69.7971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1495, 70.8984, 56.2837 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, 210, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 186)  
}
```

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, 210, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 186) }
```

Border

The CSS property to change the border of an element to XYZ 73.1495, 70.8984, 56.2837 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, 210, 186) }
```


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

```
.border{ border-color:rgb(255, 210, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 186); box-shadow:4px 4px 4px 4px rgb(255, 210, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1495, 70.8984, 56.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 186) }
```

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

```
.background{ background-color: rgb(255,  
210, 186) }
```

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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