

Converting Colors

XYZ(43.1073, 32.5550, 37.7300)

Have a look what the booklet for
XYZ(43.1073, 32.5550, 37.7300)
contains.

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Color

**XYZ(43.1073, 32.5550,
37.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7EA1
RGB	219, 126, 161
RGB Percent	86%, 49%, 63%
CMY	0.1412, 0.5059, 0.3686
CMYK	0.00, 0.42, 0.26, 0.14
HSL	337°, 56%, 68%
HSV	337°, 42%, 86%
XYZ	43.1073, 32.5550, 37.7300
YIQ	157.7970, 44.1930, 30.6010

Conversions

Conversions Part 2

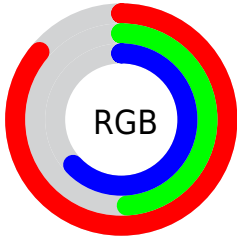
Format	Color
R_{YB}	219, 126, 161
Decimal	14384801
CIE _{Lab}	63.80, 40.19, -2.89
CIE _{LCh}	64, 40.299, 355.884
Yxy	32.5550, 0.3802, 0.2871
Android (android.graphics.Color)	4292574881 (0xFFDB7EA1)
YUV	157.7970, 1.5791, 53.6750
Hunter-Lab	57.0570, 35.0093, 0.7333

Details

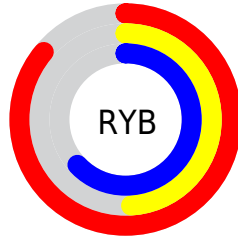
The XYZ color **43.1073, 32.5550, 37.7300** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.5889, 58.5602, 54.4089**, and the grayscale version is **32.3874, 34.0741, 37.1067**.

A 20% lighter version of the original color is **69.9559, 58.8604, 72.6399**, and **20.1635, 13.7047, 16.3344** is the 20% darker color. If you saturate the color by 10%, you get **39.4678, 27.0994, 30.8953**, and if you desaturate by 10%, it is **47.4931, 39.2922, 45.4634**.

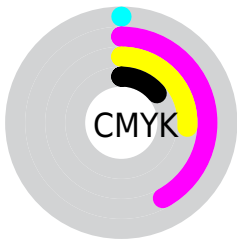
Distribution



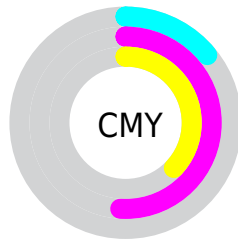
- Red (86%)
- Green (49%)
- Blue (63%)



- Red (86%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (14%)





- Cyan (14%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1073, 32.5550, 37.7300 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 43.1073, 32.5550, 37.7300 by changing the saturation by 10% instead.


 43.1073, 32.5550,
37.7300


 43.1073, 32.5550,
37.7300


349.9669,
313.6397, 351.7237


 30.1642, 21.7858,
25.4730


 79.1275, 63.6801,
72.8929

 20.1119, 13.6996,
16.2076


 102.9352, 84.8049,
96.6359

 12.5852, 7.9120,
9.5152


 131.0953,
110.1502, 125.0447

 7.2185, 4.0387,
4.9774

163.9729,
140.1005, 158.5378

 3.6467, 1.6952,
2.1755

201.9336,
175.0402, 197.5337

 1.5043, 0.4206,
0.6602

245.3425,

 0.3287, 0.0000,

215.3537, 242.4509

0.0000

294.5652,
261.4255, 293.7081

■ 0.0000, 0.0000,
0.0000

■ 43.1073, 32.5550,
37.7300

■ 43.1073, 32.5550,
37.7300

■ 39.4678, 27.0994,
30.8953

■ 47.4931, 39.2922,
45.4634

■ 36.5274, 22.8382,
24.9217

■ 52.6634, 47.3815,
54.1270

■ 34.2371, 19.6806,
19.7714


■ 58.6566, 56.8936,
63.7530


■ 32.5403, 17.5207,
15.4024


■ 65.5081, 67.8931,
74.3713

■ 31.3692, 16.2310,
11.7676

■ 73.2510, 80.4406,
86.0105

 30.7523, 15.6756,
9.4701

 81.1441, 93.0484,
98.4406

 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



40.8482, 32.5550, 55.9438



43.1073, 32.5550, 37.7300



41.7949, 32.5550, 23.5141

Triad

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



43.1073, 32.5550, 37.7300



26.4335, 32.5550, 14.1600



25.2347, 32.5550, 67.9925

Complementary

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



43.1073, 32.5550, 37.7300



42.5889, 58.5602, 54.4089

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.



22.1530, 32.5550, 50.8568



43.1073, 32.5550, 37.7300



22.7836, 32.5550, 20.6899

Square

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



43.1073, 32.5550, 37.7300



31.7298, 32.5550, 12.5721



21.3131, 32.5550, 33.2577



30.1684, 32.5550, 76.4739

Rectangle

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



43.1073, 32.5550, 37.7300



39.1476, 32.5550, 17.4579



21.3131, 32.5550, 33.2577



23.9724, 32.5550, 62.8403

Sweetspot

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



43.1082, 32.5566, 37.7306



82.2195, 79.3821, 89.0756



39.8602, 30.1483, 70.7364



17.1769, 16.3194, 18.3970



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.



43.1082, 32.5566, 37.7306



56.1965, 38.9663, 44.5473



41.9049, 34.4168, 24.1751



13.2577, 13.1322, 14.6184



18.2836, 9.3145, 5.8737



1.2255, 0.6199, 0.5966

Inverse Universe

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



43.1082, 32.5566, 37.7306



56.1965, 38.9663, 44.5473



43.9840, 54.7360, 75.2649



13.2577, 13.1322, 14.6184



18.2836, 9.3145, 5.8737



1.2255, 0.6199, 0.5966

Previews

White Background



This preview shows how the XYZ color 43.1073, 32.5550, 37.7300 looks on a white background.

Color Contrast Check

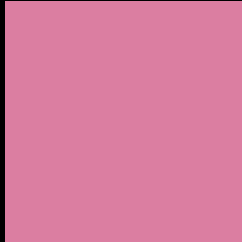
Large Text (above 18pt) WCAG AA × Fail

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 43.1073, 32.5550, 37.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

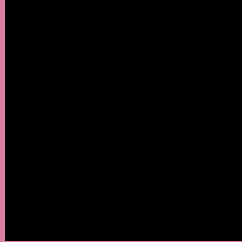
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1073, 32.5550, 37.7300

Background



This preview shows how black text looks on a background with the XYZ color 43.1073, 32.5550, 37.7300.



This preview shows how white text looks on a background with the XYZ color 43.1073, 32.5550,

37.7300.

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

43.1073, 32.5550, 37.7300

Protanopia

32.3540, 32.9049, 46.7655

Deuteranopia

33.3543, 32.6820, 36.4486



Tritanopia

41.3315, 32.6104, 28.9270

Trichromacy



Original Color

43.1073, 32.5550, 37.7300

Protanomaly

35.3241, 32.1552, 43.3745

Deuteranomaly

36.1899, 32.0832, 36.6330

Tritanomaly

42.1090, 32.7441, 32.1178

Monochromacy



Original Color

43.1073, 32.5550, 37.7300

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.3593, 32.7643, 37.2614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1073, 32.5550, 37.7300 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(219, 126, 161)` looks like.

```
.text, #text, p{  
    color:rgb(219, 126, 161)  
}
```

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(219, 126, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 126, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.1073, 32.5550, 37.7300 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(219, 126, 161) }
```


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

```
.border{ border-color:rgb(219, 126, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 126, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 126, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 126, 161);  
box-shadow:4px 4px 4px 4px rgb(219, 126,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1073, 32.5550, 37.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 126, 161) }
```

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

```
.background{ background-color: rgb(219,  
126, 161) }
```

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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