

Converting Colors

XYZ(55.8293, 45.2100, 73.3677)

Have a look what the booklet for
XYZ(55.8293, 45.2100, 73.3677)
contains.

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Color

**XYZ(55.7157, 45.1285,
73.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	E09DDC
RGB	224, 157, 220
RGB Percent	88%, 62%, 86%
CMY	0.1216, 0.3843, 0.1373
CMYK	0.00, 0.30, 0.02, 0.12
HSL	304°, 52%, 75%
HSV	304°, 30%, 88%
XYZ	55.7157, 45.1285, 73.4843
YIQ	184.2150, 19.7090, 33.7970

Conversions

Conversions Part 2

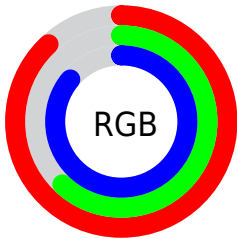
Format	Color
R_{YB}	224, 157, 220
Decimal	14720476
CIE _{Lab}	72.98, 34.94, -22.02
CIE _{LCh}	73, 41.299, 327.773
Yxy	45.1285, 0.3196, 0.2589
Android (android.graphics.Color)	4292910556 (0xFFE09DDC)
YUV	184.2150, 17.6420, 34.8914
Hunter-Lab	67.1777, 30.4828, -17.8316

Details

The XYZ color **55.7157, 45.1285, 73.4843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.9951, 63.0541, 43.4145**, and the grayscale version is **45.5779, 47.9515, 52.2191**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **27.9916, 21.1446, 38.2033** is the 20% darker color. If you saturate the color by 10%, you get **52.0917, 38.1621, 71.4062**, and if you desaturate by 10%, it is **60.0386, 53.4889, 75.8033**.

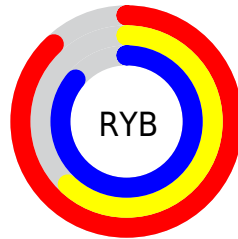
Distribution



Red (88%)

Green (62%)

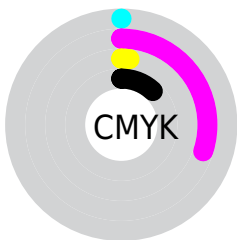
Blue (86%)



Red (88%)

Yellow (62%)

Blue (86%)

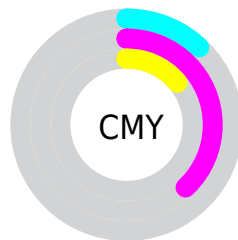


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7157, 45.1285, 73.4843 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 55.7157, 45.1285, 73.4843 by changing the saturation by 10% instead.

55.7157, 45.1285,
73.4843

55.7157, 45.1285,
73.4843

398.7116,
367.2937, 491.8073

40.2111, 31.5587,
53.8778

97.7310, 82.9132,
125.8918

27.8881, 21.0246,
38.1115

124.9724,
107.8969, 159.5299

18.3814, 13.1420,
25.7667

156.8569,
137.4539, 198.6822

11.3255, 7.5264,
16.4250

193.7497,
171.9687, 243.7674

6.3551, 3.7934,
9.6678

236.0162,
211.8257, 295.2040

3.1049, 1.5587,
5.0765

284.0218,

1.2095, 0.3295,

257.4093, 353.4105

2.2327

338.1318,
309.1038, 418.8054

■ 0.1138, 0.0000,
0.6932

■ 0.0000, 0.0000,
0.0000

■ 55.7157, 45.1285,
73.4843

■ 55.7157, 45.1285,
73.4843

■ 52.0917, 38.1621,
71.4062

■ 60.0386, 53.4889,
75.8033

■ 49.1245, 32.5078,
69.5536

■ 65.0914, 63.3075,
78.3721

■ 46.7738, 28.0842,
67.9134

■ 70.9082, 74.6518,
81.2027

■ 44.9931, 24.7984,
66.4701

■ 77.5197, 87.5835,
84.3052

43.7295, 22.5446,
65.2062

80.3231, 92.8964,
86.1453

42.9201, 21.1969,
64.1005

80.5081, 92.9704,
87.1198

42.4557, 20.5370,
63.1168

80.6946, 93.0450,
88.1018

42.4519, 20.5319,
63.1080

80.8826, 93.1202,
89.0914

81.0719, 93.1959,
90.0886

Harmonies

Analogous

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



49.6796, 45.1285, 93.2791



55.7157, 45.1285, 73.4843



58.2832, 45.1285, 50.6957

Triad

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



55.7157, 45.1285, 73.4843



43.4341, 45.1285, 19.1931



31.7637, 45.1285, 70.0460

Complementary

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



55.7157, 45.1285, 73.4843



46.9951, 63.0541, 43.4145

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.



30.4833, 45.1285, 47.6111



55.7157, 45.1285, 73.4843



36.7550, 45.1285, 21.7236

Square

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



55.7157, 45.1285, 73.4843



50.7154, 45.1285, 22.6310



32.2065, 45.1285, 30.8669



35.9199, 45.1285, 90.9345

Rectangle

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



55.7157, 45.1285, 73.4843



57.4883, 45.1285, 37.9918



32.2065, 45.1285, 30.8669



31.0046, 45.1285, 62.2736

Sweetspot

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



55.7171, 45.1305, 73.4853



87.9408, 86.1334, 105.4457



40.0808, 37.0077, 75.5527



18.5941, 17.9906, 22.4561



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.



55.7171, 45.1305, 73.4853



71.5526, 54.3974, 96.7756



51.7848, 43.5576, 52.7779



14.2578, 13.9208, 17.1279



24.7252, 11.9571, 36.8142



1.7247, 0.8332, 2.6091

Inverse Universe

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



55.7171, 45.1305, 73.4853



71.5526, 54.3974, 96.7756



50.2827, 64.3691, 60.7267



14.2578, 13.9208, 17.1279



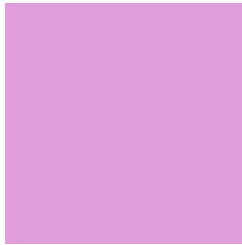
24.7252, 11.9571, 36.8142



1.7247, 0.8332, 2.6091

Previews

White Background



This preview shows how the XYZ color 55.7157, 45.1285, 73.4843 looks on a white background.

Color Contrast Check

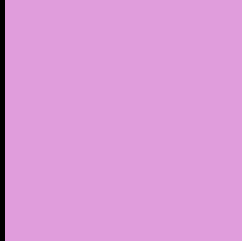
Large Text (above 18pt) WCAG AA × Fail

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 55.7157, 45.1285, 73.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

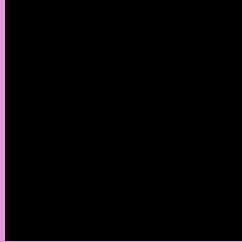
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7157, 45.1285, 73.4843

Background



This preview shows how black text looks on a background with the XYZ color 55.7157, 45.1285, 73.4843.



This preview shows how white text looks on a background with the XYZ color 55.7157, 45.1285,

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

55.7157, 45.1285, 73.4843

Protanopia

46.0274, 45.3350, 84.9219

Deuteranopia

46.2145, 45.1347, 71.9217



Tritanopia

50.4045, 45.0300, 48.1545

Trichromacy



Original Color

55.7157, 45.1285, 73.4843



Protanomaly

48.9074, 44.9017, 80.9521



Deuteranomaly

49.1632, 44.6693, 72.3605



Tritanomaly

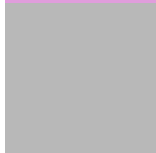
52.0612, 44.9066, 56.3760

Monochromacy



Original Color

55.7157, 45.1285, 73.4843



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.7673, 46.4454, 59.2179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7157, 45.1285, 73.4843 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, 157, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 220)  
}
```

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, 157, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 220) }
```

Border

The CSS property to change the border of an element to XYZ 55.7157, 45.1285, 73.4843 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, 157, 220) }
```


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

```
.border{ border-color:rgb(224, 157, 220) }
```

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

Here you see how a box with a 4 pixel rgb(224, 157, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 157, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 157, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 157,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7157, 45.1285, 73.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 220) }
```

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

```
.background{ background-color: rgb(224,  
157, 220) }
```

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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