

Converting Colors

XYZ(56.8853, 46.3135, 76.8001)

Have a look what the booklet for
XYZ(56.8853, 46.3135, 76.8001)
contains.

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Color

**XYZ(56.7658, 46.3707,
76.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A0E0
RGB	224, 160, 224
RGB Percent	88%, 63%, 88%
CMY	0.1216, 0.3725, 0.1216
CMYK	0.00, 0.29, 0.00, 0.12
HSL	300°, 51%, 75%
HSV	300°, 29%, 88%
XYZ	56.7658, 46.3707, 76.4796
YIQ	186.4320, 17.6000, 33.4720

Conversions

Conversions Part 2

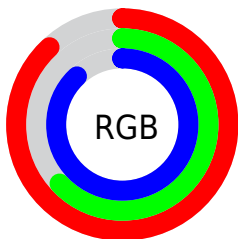
Format	Color
R _Y B	224, 160, 224
Decimal	14721248
CIE Lab	73.79, 34.06, -22.98
CIE LCh	74, 41.090, 325.993
Yxy	46.3707, 0.3160, 0.2582
Android (android.graphics.Color)	4292911328 (0xFFE0A0E0)
YUV	186.4320, 18.5210, 32.9471
Hunter-Lab	68.0960, 29.6320, -18.9222

Details

The XYZ color **56.7658, 46.3707, 76.4796** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4999, 63.3244, 42.9795**, and the grayscale version is **46.8080, 49.2457, 53.6285**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **28.5676, 21.7048, 40.2199** is the 20% darker color. If you saturate the color by 10%, you get **53.2275, 39.2932, 75.3006**, and if you desaturate by 10%, it is **61.0067, 54.8515, 77.8938**.

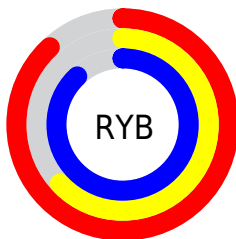
Distribution



Red (88%)

Green (63%)

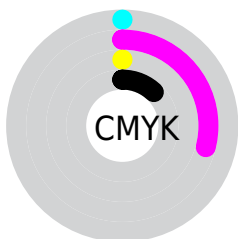
Blue (88%)



Red (88%)

Yellow (63%)

Blue (88%)

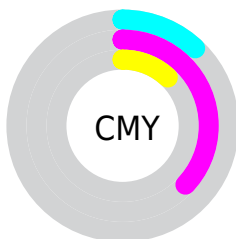


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (37%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7658, 46.3707, 76.4796 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 56.7658, 46.3707, 76.4796 by changing the saturation by 10% instead.

56.7658, 46.3707,
76.4796

56.7658, 46.3707,
76.4796

402.5995,
372.2970, 502.3783

41.0566, 32.5384,
56.3169

99.2567, 84.7735,
130.1709

28.5512, 21.7731,
40.0513

126.7692,
110.1129, 164.5366

18.8842, 13.6903,
27.2645

158.9468,
140.0567, 204.4736

11.6901, 7.9056,
17.5378

196.1549,
174.9894, 250.4005

6.6037, 4.0346,
10.4526

238.7589,
215.2954, 302.7359

3.2596, 1.6929,
5.5906

287.1241,

1.2925, 0.4191,

261.3591, 361.8984

2.5330

341.6158,
313.5648, 428.3063

■ 0.1776, 0.0000,
0.8576

■ 0.0000, 0.0000,
0.0000

■ 56.7658, 46.3707,
76.4796

■ 56.7658, 46.3707,
76.4796

■ 53.2275, 39.2932,
75.3006

■ 61.0067, 54.8515,
77.8938

■ 50.3497, 33.5376,
74.3412

■ 65.9804, 64.7989,
79.5518

■ 48.0927, 29.0238,
73.5888

■ 71.7210, 76.2800,
81.4654

■ 46.4111, 25.6604,
73.0281

■ 78.2588, 89.3557,
83.6448

45.2526, 23.3436,
72.6419

79.9557, 92.7494,
84.2106

44.5562, 21.9507,
72.4096

79.9557, 92.7494,
84.2107

44.2302, 21.2989,
72.3009

79.9557, 92.7494,
84.2108

44.1954, 21.2293,
72.2893

79.9557, 92.7495,
84.2109

79.9558, 92.7495,
84.2110

Harmonies

Analogous

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



50.5173, 46.3707, 95.9358



56.7658, 46.3707, 76.4796



59.6137, 46.3707, 53.3515

Triad

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



56.7658, 46.3707, 76.4796



45.0622, 46.3707, 20.0653



32.6214, 46.3707, 70.2396

Complementary

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



56.7658, 46.3707, 76.4796



47.4999, 63.3244, 42.9795

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.



31.5007, 46.3707, 47.7323



56.7658, 46.3707, 76.4796



38.2032, 46.3707, 22.2879

Square

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



56.7658, 46.3707, 76.4796



52.4010, 46.3707, 23.9566



33.4307, 46.3707, 31.1764



36.6794, 46.3707, 91.6903

Rectangle

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



56.7658, 46.3707, 76.4796



58.9933, 46.3707, 40.2027



33.4307, 46.3707, 31.1764



31.9093, 46.3707, 62.3972

Sweetspot

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



56.7673, 46.3727, 76.4806



88.1607, 86.2214, 106.6034



40.5246, 37.9993, 75.7207



18.6488, 18.0124, 22.7438



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.



56.7673, 46.3727, 76.4806



73.3480, 56.5961, 101.6655



52.8274, 44.7968, 55.7334



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9166

Inverse Universe

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



56.7673, 46.3727, 76.4806



73.3480, 56.5961, 101.6655



50.6690, 64.5921, 59.6680



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 56.7658, 46.3707, 76.4796 looks on a white background.

Color Contrast Check

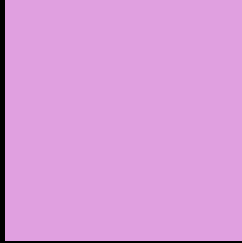
Large Text (above 18pt) WCAG AA × Fail

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 56.7658, 46.3707, 76.4796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

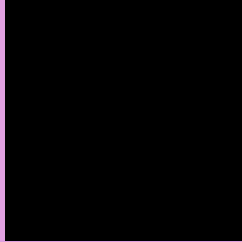
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7658, 46.3707, 76.4796

Background



This preview shows how black text looks on a background with the XYZ color 56.7658, 46.3707, 76.4796.



This preview shows how white text looks on a background with the XYZ color 56.7658, 46.3707,

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

56.7658, 46.3707, 76.4796

Protanopia

47.4798, 46.9226, 87.4434

Deuteranopia

47.7939, 46.7645, 74.9141



Tritanopia

51.2566, 46.2469, 49.9411

Trichromacy



Original Color

56.7658, 46.3707, 76.4796



Protanomaly

50.1451, 46.3351, 83.3914



Deuteranomaly

50.5127, 46.1355, 75.3500



Tritanomaly

53.0484, 46.1571, 58.9366

Monochromacy



Original Color

56.7658, 46.3707, 76.4796



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.9669, 47.8938, 61.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7658, 46.3707, 76.4796 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, 160, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 160, 224)  
}
```

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, 160, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 160, 224) }
```

Border

The CSS property to change the border of an element to XYZ 56.7658, 46.3707, 76.4796 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, 160, 224) }
```


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

```
.border{ border-color:rgb(224, 160, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 160, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 160, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 160, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 160,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7658, 46.3707, 76.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 160, 224) }
```

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

```
.background{ background-color: rgb(224,  
160, 224) }
```

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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