

Converting Colors

XYZ(58.2175, 47.3282, 76.8580)

Have a look what the booklet for
XYZ(58.2175, 47.3282, 76.8580)
contains.

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Color

**XYZ(58.1943, 47.3655,
76.5963)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A1E0
RGB	228, 161, 224
RGB Percent	89%, 63%, 88%
CMY	0.1059, 0.3686, 0.1216
CMYK	0.00, 0.29, 0.02, 0.11
HSL	304°, 55%, 76%
HSV	304°, 29%, 89%
XYZ	58.1943, 47.3655, 76.5963
YIQ	188.2150, 19.7090, 33.7970

Conversions

Conversions Part 2

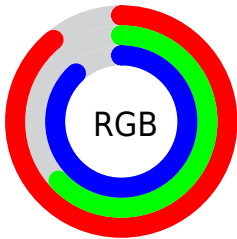
Format	Color
R _{YB}	228, 161, 224
Decimal	14983648
CIE _{Lab}	74.42, 34.82, -21.97
CIE _{LCh}	74, 41.171, 327.745
Yxy	47.3655, 0.3195, 0.2600
Android (android.graphics.Color)	4293173728 (0xFFE4A1E0)
YUV	188.2150, 17.6420, 34.8914
Hunter-Lab	68.8226, 30.4946, -17.8112

Details

The XYZ color **58.1943, 47.3655, 76.5963** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.2348, 65.7820, 45.7022**, and the grayscale version is **47.8184, 50.3087, 54.7861**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **29.5373, 22.3604, 40.2953** is the 20% darker color. If you saturate the color by 10%, you get **54.3840, 40.0383, 74.4193**, and if you desaturate by 10%, it is **62.7355, 56.1504, 79.0252**.

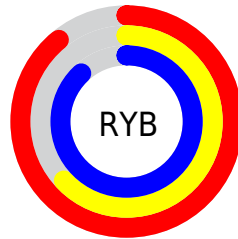
Distribution



Red (89%)

Green (63%)

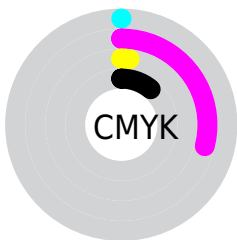
Blue (88%)



Red (89%)

Yellow (63%)

Blue (88%)

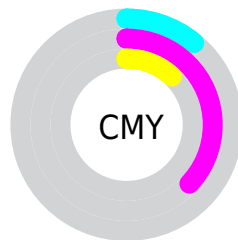


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1943, 47.3655, 76.5963 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 58.1943, 47.3655, 76.5963 by changing the saturation by 10% instead.

 58.1943, 47.3655,
76.5963


 58.1943, 47.3655,
76.5963

407.8517,
376.2716, 502.7876

 42.2087, 33.3247,
56.4120


 101.3271, 86.2589,
130.3373

 29.4566, 22.3753,
40.1272


 129.2050,
111.8804, 164.7310

 19.5725, 14.1329,
27.3232


161.7778,
142.1308, 204.6984

 12.1911, 8.2132,
17.5815

199.4108,
177.3946, 250.6578

 6.9471, 4.2317,
10.4836

242.4693,
218.0562, 303.0279

 3.4751, 1.8040,
5.6110

291.3187,

 1.4097, 0.4896,

264.4999, 362.2272

2.5451

346.3244,
317.1103, 428.6743

■ 0.2631, 0.0000,
0.8639

■ 0.0000, 0.0000,
0.0000

■ 58.1943, 47.3655,
76.5963

■ 58.1943, 47.3655,
76.5963

■ 54.3840, 40.0383,
74.4193

■ 62.7355, 56.1504,
79.0252

■ 51.2606, 34.0835,
72.4781

■ 68.0397, 66.4597,
81.7153

■ 48.7823, 29.4166,
70.7592

■ 74.1424, 78.3637,
84.6788

■ 46.9010, 25.9412,
69.2465

■ 81.0757, 91.9264,
87.9266

45.5617, 23.5474,
67.9217

82.1520, 93.7729,
89.2294

44.6992, 22.1051,
66.7630

82.3449, 93.8500,
90.2450

44.2084, 21.4038,
65.7355

82.5393, 93.9278,
91.2686

44.1825, 21.3691,
65.6739

82.7352, 94.0061,
92.3001

82.9326, 94.0851,
93.3395

Harmonies

Analogous

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



51.9930, 47.3655, 96.8437



58.1943, 47.3655, 76.5963



60.8326, 47.3655, 53.1975

Triad

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



58.1943, 47.3655, 76.5963



45.5832, 47.3655, 20.5719



33.5368, 47.3655, 73.0282

Complementary

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



58.1943, 47.3655, 76.5963



49.2348, 65.7820, 45.7022

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.



32.2157, 47.3655, 49.9819



58.1943, 47.3655, 76.5963



38.6992, 47.3655, 23.2052

Square

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



58.1943, 47.3655, 76.5963



53.0707, 47.3655, 24.1621



34.0002, 47.3655, 32.6961



37.8267, 47.3655, 94.4172

Rectangle

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



58.1943, 47.3655, 76.5963



60.0202, 47.3655, 40.0956



34.0002, 47.3655, 32.6961



32.7529, 47.3655, 65.0549

Sweetspot

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



58.1958, 47.3676, 76.5973



87.9408, 86.1334, 105.4457



42.1327, 39.0234, 78.7114



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.



58.1958, 47.3676, 76.5973



72.0345, 55.3231, 97.0539



54.1620, 45.7541, 55.3555



14.9560, 14.5996, 17.9687



25.5282, 12.3455, 38.0059



1.8978, 0.9168, 2.8684

Inverse Universe

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



58.1958, 47.3676, 76.5973



72.0345, 55.3231, 97.0539



52.6188, 67.1356, 63.5224



14.9560, 14.5996, 17.9687



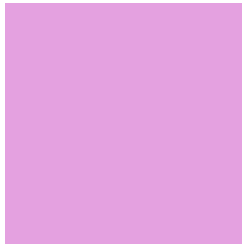
25.5282, 12.3455, 38.0059



1.8978, 0.9168, 2.8684

Previews

White Background



This preview shows how the XYZ color 58.1943, 47.3655, 76.5963 looks on a white background.

Color Contrast Check

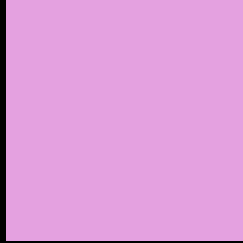
Large Text (above 18pt) WCAG AA × Fail

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 58.1943, 47.3655, 76.5963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

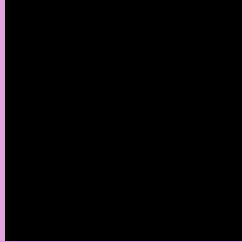
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1943, 47.3655, 76.5963

Background



This preview shows how black text looks on a background with the XYZ color 58.1943, 47.3655, 76.5963.



This preview shows how white text looks on a background with the XYZ color 58.1943, 47.3655,

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

58.1943, 47.3655, 76.5963

Protanopia

48.1049, 47.5456, 87.5307

Deuteranopia

48.6997, 47.5279, 75.0137



Tritanopia

52.7557, 47.2829, 50.6020

Trichromacy



Original Color

58.1943, 47.3655, 76.5963



Protanomaly

51.0792, 47.1024, 83.4903



Deuteranomaly

51.4905, 46.9211, 75.4501



Tritanomaly

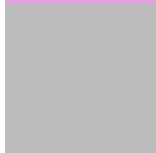
54.4547, 47.1509, 59.0543

Monochromacy



Original Color

58.1943, 47.3655, 76.5963



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.0916, 48.7543, 61.9761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1943, 47.3655, 76.5963 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(228, 161, 224)` looks like.

```
.text, #text, p{  
    color:rgb(228, 161, 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(228, 161, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 161, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.1943, 47.3655, 76.5963 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(228, 161, 224) }
```


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

```
.border{ border-color:rgb(228, 161, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 161, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 161, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 161, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 161,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1943, 47.3655, 76.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 161, 224) }
```

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

```
.background{ background-color: rgb(228,  
161, 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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