

Converting Colors

XYZ(44.1006, 28.2317, 42.3438)

Have a look what the booklet for
XYZ(44.1006, 28.2317, 42.3438)
contains.

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Color

**XYZ(44.0342, 28.1860,
42.1493)**

Conversions

Conversions Part 1

Format	Color
Hex	E561AC
RGB	229, 97, 172
RGB Percent	90%, 38%, 67%
CMY	0.1020, 0.6196, 0.3255
CMYK	0.00, 0.58, 0.25, 0.10
HSL	326°, 72%, 64%
HSV	326°, 58%, 90%
XYZ	44.0342, 28.1860, 42.1493
YIQ	145.0180, 54.5970, 51.3090

Conversions

Conversions Part 2

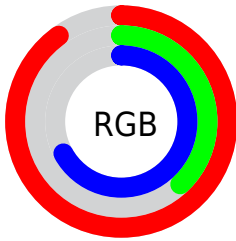
Format	Color
R _Y B	229, 97, 172
Decimal	15032748
CIE Lab	60.06, 59.06, -14.63
CIE LCh	60, 60.845, 346.088
Yxy	28.1860, 0.3850, 0.2464
Android (android.graphics.Color)	4293222828 (0xFFE561AC)
YUV	145.0180, 13.3021, 73.6522
Hunter-Lab	53.0905, 55.1427, -9.9078

Details

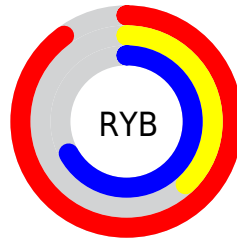
The XYZ color **44.0342, 28.1860, 42.1493** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.7833, 60.9140, 40.2885**, and the grayscale version is **26.8542, 28.2528, 30.7673**.

A 20% lighter version of the original color is **66.4964, 49.5885, 78.7398**, and **20.6608, 11.2883, 18.8592** is the 20% darker color. If you saturate the color by 10%, you get **41.3007, 24.1826, 36.7253**, and if you desaturate by 10%, it is **47.4507, 33.4416, 48.1502**.

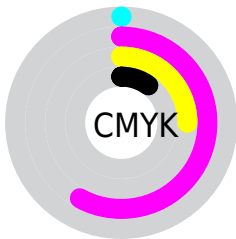
Distribution



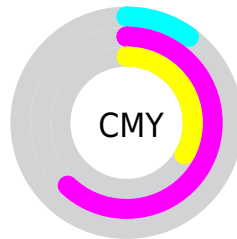
- Red (90%)
- Green (38%)
- Blue (67%)



- Red (90%)
- Yellow (38%)
- Blue (67%)



- Cyan (0%)
- Magenta (58%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0342, 28.1860, 42.1493 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 44.0342, 28.1860, 42.1493 by changing the saturation by 10% instead.


 44.0342, 28.1860,
42.1493

 44.0342, 28.1860,
42.1493

353.6977,
293.3546, 370.9194


 30.8954, 18.4659,
28.8918


 80.5152, 56.7813,
79.6981


 20.6707, 11.2850,
18.7541


 104.5882, 76.4252,
104.8264

 12.9946, 6.2589,
11.3177


 133.0366,
100.1460, 134.7487

 7.5018, 3.0031,
6.1641

 166.2258,
128.3278, 169.8836

 3.8269, 1.1334,
2.8747

204.5212,
161.3552, 210.6495

 1.6047, 0.0062,
1.0310

248.2880,

 0.3955, 0.0000,

199.6126, 257.4651

0.0000

297.8917,
243.4842, 310.7489

■ 0.0000, 0.0000,
0.0000

■ 44.0342, 28.1860,
42.1493

■ 44.0342, 28.1860,
42.1493

■ 41.3007, 24.1826,
36.7253

■ 47.4507, 33.4416,
48.1502

■ 39.1918, 21.3182,
31.8505

■ 51.5967, 40.0412,
54.7501

■ 37.6433, 19.4662,
27.4959

■ 56.5177, 48.0729,
61.9714

■ 36.5672, 18.4536,
23.6240

■ 62.2544, 57.6158,
69.8347

■ 36.3498, 18.2727,
22.7686

■ 68.8445, 68.7435,
78.3591

■ 76.3235, 81.5246,
87.5631

■ 83.9840, 94.5424,
97.2172

■ 85.5037, 95.1503,
105.2201

■ 86.1232, 95.3981,
108.4822

Harmonies

Analogous

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



39.0369, 28.1860, 70.8758



44.0342, 28.1860, 42.1493



43.8303, 28.1860, 20.3082

Triad

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



44.0342, 28.1860, 42.1493



22.8652, 28.1860, 5.2231



17.7191, 28.1860, 72.8995

Complementary

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



44.0342, 28.1860, 42.1493



38.7833, 60.9140, 40.2885

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.



14.8615, 28.1860, 44.1157



44.0342, 28.1860, 42.1493



17.4167, 28.1860, 9.5731

Square

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



44.0342, 28.1860, 42.1493



30.5387, 28.1860, 5.0952



14.7627, 28.1860, 21.5219



23.3612, 28.1860, 93.6371

Rectangle

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



44.0342, 28.1860, 42.1493



40.7426, 28.1860, 11.7772



14.7627, 28.1860, 21.5219



16.4532, 28.1860, 63.3573

Sweetspot

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



44.0350, 28.1874, 42.1498



79.8771, 74.2446, 89.6908



31.3680, 20.8838, 76.5067



16.7593, 15.3256, 18.7471



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.



44.0350, 28.1874, 42.1498



52.1781, 30.1146, 45.7199



39.2957, 26.2917, 17.1930



14.7183, 14.5045, 16.7172



20.8445, 10.4720, 13.3419



1.5867, 0.7924, 1.2302

Inverse Universe

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



44.0350, 28.1874, 42.1498



52.1781, 30.1146, 45.7199



45.6050, 63.6426, 76.2109



14.7183, 14.5045, 16.7172



20.8445, 10.4720, 13.3419



1.5867, 0.7924, 1.2302

Previews

White Background



This preview shows how the XYZ color 44.0342, 28.1860, 42.1493 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 44.0342, 28.1860, 42.1493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

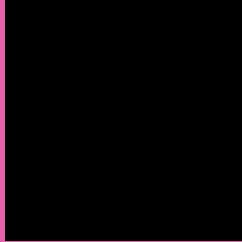
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.0342, 28.1860, 42.1493

Background



This preview shows how black text looks on a background with the XYZ color 44.0342, 28.1860, 42.1493.



This preview shows how white text looks on a background with the XYZ color 44.0342, 28.1860,

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

44.0342, 28.1860, 42.1493

Protanopia

29.4461, 28.4883, 61.7044

Deuteranopia

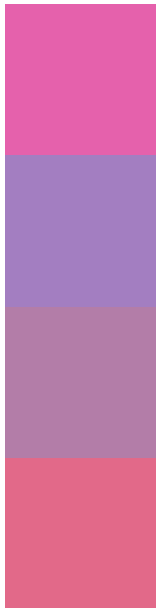
28.8941, 28.2504, 39.5273



Tritanopia

39.4200, 28.0689, 20.1698

Trichromacy



Original Color

44.0342, 28.1860, 42.1493

Protanomaly

32.1908, 26.5585, 53.8817

Deuteranomaly

32.9919, 27.0781, 40.5335

Tritanomaly

40.9310, 28.0780, 26.9292

Monochromacy



Original Color

44.0342, 28.1860, 42.1493

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.5401, 27.0350, 34.5663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0342, 28.1860, 42.1493 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(229, 97, 172)` looks like.

```
.text, #text, p{  
    color:rgb(229, 97, 172)  
}
```

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(229, 97, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 97, 172) }
```

Border

The CSS property to change the border of an element to XYZ 44.0342, 28.1860, 42.1493 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(229, 97, 172) }
```


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

```
.border{ border-color:rgb(229, 97, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 97, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 97, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 97, 172);  
box-shadow:4px 4px 4px 4px rgb(229, 97,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0342, 28.1860, 42.1493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 97, 172) }
```

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

```
.background{ background-color: rgb(229, 97,  
172) }
```

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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