

Converting Colors

XYZ(46.7391, 36.3383, 34.5955)

Have a look what the booklet for
XYZ(46.7391, 36.3383, 34.5955)
contains.

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Color

**XYZ(46.7268, 36.2859,
34.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	E58799
RGB	229, 135, 153
RGB Percent	90%, 53%, 60%
CMY	0.1020, 0.4706, 0.4000
CMYK	0.00, 0.41, 0.33, 0.10
HSL	349°, 64%, 71%
HSV	349°, 41%, 90%
XYZ	46.7268, 36.2859, 34.6781
YIQ	165.1580, 50.2460, 25.5260

Conversions

Conversions Part 2

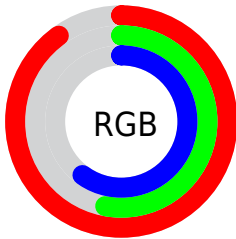
Format	Color
R_{YB}	229, 135, 153
Decimal	15042457
CIE Lab	66.74, 37.99, 6.07
CIE LCh	67, 38.473, 9.076
Yxy	36.2859, 0.3970, 0.3083
Android (android.graphics.Color)	4293232537 (0xFFE58799)
YUV	165.1580, -5.9939, 55.9894
Hunter-Lab	60.2378, 33.0474, 8.0340

Details

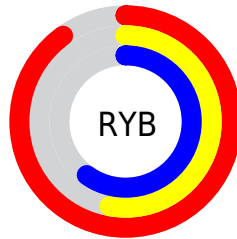
The XYZ color **46.7268, 36.2859, 34.6781** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.7705, 65.8934, 71.7271**, and the grayscale version is **35.8519, 37.7190, 41.0760**.

A 20% lighter version of the original color is **70.9159, 62.5919, 67.3753**, and **22.2861, 15.8037, 14.4462** is the 20% darker color. If you saturate the color by 10%, you get **42.4560, 30.0046, 26.2858**, and if you desaturate by 10%, it is **51.9240, 44.0398, 44.5507**.

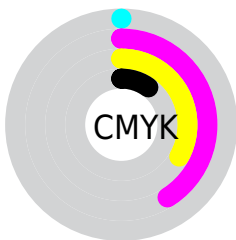
Distribution



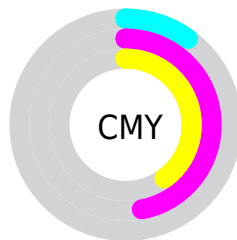
- Red (90%)
- Green (53%)
- Blue (60%)



- Red (90%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7268, 36.2859, 34.6781 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 46.7268, 36.2859, 34.6781 by changing the saturation by 10% instead.


 46.7268, 36.2859,
34.6781

 46.7268, 36.2859,
34.6781


364.3901,
330.2084, 338.0062


 33.0268, 24.6551,
23.1335


 84.5269, 69.4731,
68.1327

 22.3063, 15.8203,
14.4859


 109.3577, 91.7983,
90.8797

 14.2000, 9.3971,
8.3168


 138.6294,
118.4571, 118.1980

 8.3425, 5.0011,
4.2076

172.7075,
149.8338, 150.5059

 4.3685, 2.2479,
1.7399

211.9573,
186.3129, 188.2222

 1.9127, 0.7459,
0.3879

256.7440,

 0.5842, 0.0000,

228.2788, 231.7653

0.0000

307.4332,
276.1158, 281.5538

■ 0.0000, 0.0000,
0.0000

■ 46.7268, 36.2859,
34.6781

■ 46.7268, 36.2859,
34.6781

■ 42.4560, 30.0046,
26.2858

■ 51.9240, 44.0398,
44.5507

■ 39.0532, 25.0974,
19.2995

■ 58.0954, 53.3462,
55.9689

■ 36.4581, 21.4619,
13.6414

■ 65.2890, 64.2854,
68.9963

■ 34.6008, 18.9791,
9.2248

■ 73.5487, 76.9307,
83.6925

■ 33.3990, 17.5071,
5.9525

■ 82.9157, 91.3509,
100.1140

■ 32.7647, 16.8386,
3.8905

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



46.0004, 36.2859, 52.0606



46.7268, 36.2859, 34.6781



43.8998, 36.2859, 22.5903

Triad

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



46.7268, 36.2859, 34.6781



27.9203, 36.2859, 19.5260



30.6540, 36.2859, 77.5218

Complementary

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



46.7268, 36.2859, 34.6781



49.7705, 65.8934, 71.7271

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.



26.5289, 36.2859, 63.2794



46.7268, 36.2859, 34.6781



25.0781, 36.2859, 29.1570

Square

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



46.7268, 36.2859, 34.6781



32.7577, 36.2859, 15.6030



24.5989, 36.2859, 44.7693



36.2795, 36.2859, 80.2295

Rectangle

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



46.7268, 36.2859, 34.6781



40.5487, 36.2859, 17.9416



24.5989, 36.2859, 44.7693



29.0646, 36.2859, 73.7661

Sweetspot

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



46.7278, 36.2877, 34.6788



82.3225, 80.5143, 86.2551



49.4434, 36.7181, 78.6100



17.3497, 16.8208, 17.9750



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.



46.7278, 36.2877, 34.6788



55.0596, 39.5707, 35.2951



49.8202, 44.6745, 28.9213



14.4892, 14.4129, 15.5104



18.7663, 9.6407, 2.3982



1.4187, 0.7252, 0.3456

Inverse Universe

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



46.7278, 36.2877, 34.6788



55.0596, 39.5707, 35.2951



44.9760, 52.4895, 81.8897



14.4892, 14.4129, 15.5104



18.7663, 9.6407, 2.3982



1.4187, 0.7252, 0.3456

Previews

White Background



This preview shows how the XYZ color 46.7268, 36.2859, 34.6781 looks on a white background.

Color Contrast Check

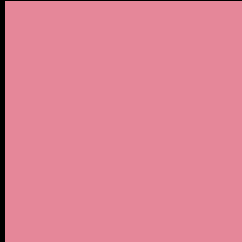
Large Text (above 18pt) WCAG AA × Fail

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 46.7268, 36.2859, 34.6781 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 46.7268, 36.2859, 34.6781

Background



This preview shows how black text looks on a background with the XYZ color 46.7268, 36.2859, 34.6781.



This preview shows how white text looks on a background with the XYZ color 46.7268, 36.2859,

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

46.7268, 36.2859, 34.6781

Protanopia

35.2981, 36.5603, 42.2422

Deuteranopia

37.2490, 36.4742, 33.5108



Tritanopia

45.9874, 36.1776, 31.7533

Trichromacy



Original Color

46.7268, 36.2859, 34.6781

Protanomaly

38.5781, 35.7922, 39.5256

Deuteranomaly

40.0719, 35.9763, 33.6863

Tritanomaly

46.2239, 36.2722, 32.9987

Monochromacy



Original Color

46.7268, 36.2859, 34.6781

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.7277, 36.3758, 38.6983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7268, 36.2859, 34.6781 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, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(229, 135, 153)  
}
```

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, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 135, 153) }
```

Border

The CSS property to change the border of an element to XYZ 46.7268, 36.2859, 34.6781 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, 135, 153) }
```


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

```
.border{ border-color:rgb(229, 135, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 135, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(229, 135,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7268, 36.2859, 34.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 135, 153) }
```

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

```
.background{ background-color: rgb(229,  
135, 153) }
```

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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