

Converting Colors

XYZ(47.4713, 35.1290, 31.2862)

Have a look what the booklet for
XYZ(47.4713, 35.1290, 31.2862)
contains.

| | |
|--|----|
| XYZ(47.3698, 35.0869, 31.4699) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(47.3698, 35.0869,
31.4699)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EC7F92 |
| RGB | 236, 127, 146 |
| RGB Percent | 93%, 50%, 57% |
| CMY | 0.0745, 0.5019, 0.4274 |
| CMYK | 0.00, 0.46, 0.38, 0.07 |
| HSL | 350°, 74%, 71% |
| HSV | 350°, 46%, 93% |
| XYZ | 47.3698, 35.0869, 31.4699 |
| YIQ | 161.7570, 58.8650, 29.0170 |

Conversions

Conversions Part 2

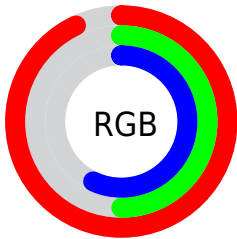
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 236, 127, 146 |
| Decimal | 15499154 |
| CIE Lab | 65.82, 43.77, 8.83 |
| CIE LCh | 66, 44.647, 11.405 |
| Yxy | 35.0869, 0.4158, 0.3080 |
| Android (android.graphics.Color) | 4293689234 (0xFFEC7F92) |
| YUV | 161.7570, -7.7682, 65.1111 |
| Hunter-Lab | 59.2342, 39.0872, 9.9644 |

Details

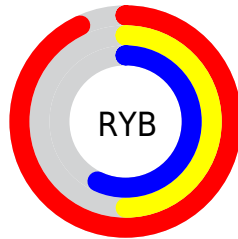
The XYZ color **47.3698, 35.0869, 31.4699** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.2740, 69.5136, 76.3647**, and the grayscale version is **34.2458, 36.0293, 39.2359**.

A 20% lighter version of the original color is **68.3933, 58.8860, 62.4050**, and **22.6916, 15.0892, 12.7829** is the 20% darker color. If you saturate the color by 10%, you get **43.2821, 29.1341, 23.2551**, and if you desaturate by 10%, it is **52.4316, 42.5741, 41.2849**.

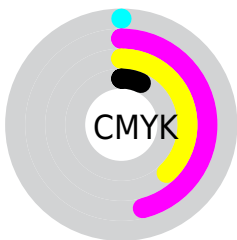
Distribution



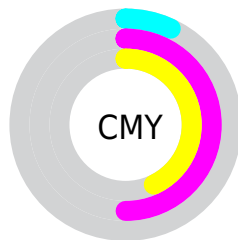
- Red (93%)
- Green (50%)
- Blue (57%)



- Red (93%)
- Yellow (50%)
- Blue (57%)



- Cyan (0%)
- Magenta (46%)
- Yellow (38%)
- Black (7%)





- Cyan (7%)
- Magenta (50%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3698, 35.0869, 31.4699 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 47.3698, 35.0869, 31.4699 by changing the saturation by 10% instead.


 47.3698, 35.0869,
31.4699


 47.3698, 35.0869,
31.4699

366.9130,
324.9517, 323.1153


 33.5373, 23.7298,
20.6955

 85.4807, 67.6204,
63.0674

 22.6995, 15.1333,
12.7125


 110.4899, 89.5655,
84.7274

 14.4913, 8.9130,
7.1025

 139.9552,
115.8089, 110.8532

 8.5471, 4.6845,
3.4469

174.2422,
146.7348, 141.8631

 4.5017, 2.0634,
1.3271

213.7161,
182.7276, 178.1757

 1.9897, 0.6439,
0.0838

258.7423,

 0.6282, 0.0000,

224.1718, 220.2096

0.0000

309.6861,
271.4517, 268.3833

■ 0.0000, 0.0000,
0.0000

■ 47.3698, 35.0869,
31.4699

■ 47.3698, 35.0869,
31.4699

■ 43.2821, 29.1341,
23.2551

■ 52.4316, 42.5741,
41.2849

■ 40.1019, 24.6040,
16.5526

■ 58.5225, 51.6866,
52.7773

■ 37.7588, 21.3783,
11.2691


■ 65.6967, 62.5146,
66.0220


■ 36.1701, 19.3169,
7.2993

■ 74.0038, 75.1399,
81.0883

■ 35.2351, 18.2465,
4.5226

■ 83.4903, 89.6392,
98.0422

 34.9946, 17.9939,
3.7383

 88.4022, 96.5729,
108.5889

Harmonies

Analogous

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



46.8523, 35.0869, 50.9775



47.3698, 35.0869, 31.4699



43.7801, 35.0869, 18.8837

Triad

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



47.3698, 35.0869, 31.4699



25.6537, 35.0869, 16.9435



29.4710, 35.0869, 83.9306

Complementary

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



47.3698, 35.0869, 31.4699



51.2740, 69.5136, 76.3647

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.



24.7223, 35.0869, 67.5681



47.3698, 35.0869, 31.4699



22.7269, 35.0869, 27.7647

Square

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



47.3698, 35.0869, 31.4699



30.9065, 35.0869, 12.5362



22.4100, 35.0869, 45.8354



35.9170, 35.0869, 85.9359

Rectangle

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



47.3698, 35.0869, 31.4699



39.7860, 35.0869, 14.3845



22.4100, 35.0869, 45.8354



27.6468, 35.0869, 79.7256

Sweetspot

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



47.3707, 35.0887, 31.4706



80.3117, 77.5445, 82.3424



51.0548, 35.8382, 83.5837



16.7559, 15.9397, 16.8321



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.



47.3707, 35.0887, 31.4706



52.0165, 35.3342, 28.5781



51.2595, 45.0377, 26.0723



15.1726, 15.0969, 16.1942



19.3224, 9.9317, 2.2334



1.5484, 0.7923, 0.3393

Inverse Universe

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



47.3707, 35.0887, 31.4706



52.0165, 35.3342, 28.5781



44.8937, 52.5687, 87.1377



15.1726, 15.0969, 16.1942



19.3224, 9.9317, 2.2334



1.5484, 0.7923, 0.3393

Previews

White Background



This preview shows how the XYZ color 47.3698, 35.0869, 31.4699 looks on a white background.

Color Contrast Check

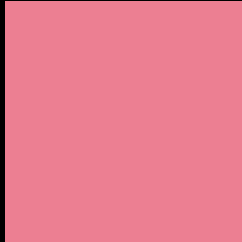
Large Text (above 18pt) WCAG AA × Fail

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 47.3698, 35.0869, 31.4699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

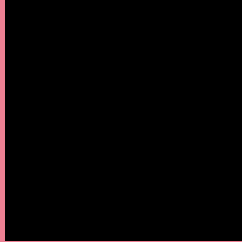
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3698, 35.0869, 31.4699

Background



This preview shows how black text looks on a background with the XYZ color 47.3698, 35.0869, 31.4699.



This preview shows how white text looks on a background with the XYZ color 47.3698, 35.0869,

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

47.3698, 35.0869, 31.4699

Protanopia

34.1719, 35.5033, 40.1737

Deuteranopia

35.8918, 35.1016, 30.0829



Tritanopia

46.5676, 34.9355, 28.3336

Trichromacy



Original Color

47.3698, 35.0869, 31.4699

Protanomaly

37.6620, 34.4329, 36.5595

Deuteranomaly

39.2883, 34.4862, 30.5724

Tritanomaly

46.7878, 35.0236, 29.4935

Monochromacy



Original Color

47.3698, 35.0869, 31.4699

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.7345, 34.7140, 36.1641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3698, 35.0869, 31.4699 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(236, 127, 146)` looks like.

```
.text, #text, p{  
    color:rgb(236, 127, 146)  
}
```

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(236, 127, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 127, 146) }
```

Border

The CSS property to change the border of an element to XYZ 47.3698, 35.0869, 31.4699 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(236, 127, 146) }
```


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

```
.border{ border-color:rgb(236, 127, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 127, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 127, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 127, 146);  
box-shadow:4px 4px 4px 4px rgb(236, 127,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3698, 35.0869, 31.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 127, 146) }
```

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

```
.background{ background-color: rgb(236,  
127, 146) }
```

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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