

Converting Colors

XYZ(47.8140, 36.2722, 34.6549)

Have a look what the booklet for
XYZ(47.8140, 36.2722, 34.6549)
contains.

XYZ(47.9327, 36.2949, 34.6163)	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(47.9327, 36.2949,
34.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	EA8499
RGB	234, 132, 153
RGB Percent	92%, 52%, 60%
CMY	0.0824, 0.4823, 0.4000
CMYK	0.00, 0.44, 0.35, 0.08
HSL	348°, 71%, 72%
HSV	348°, 44%, 92%
XYZ	47.9327, 36.2949, 34.6163
YIQ	164.8920, 54.0510, 28.1550

Conversions

Conversions Part 2

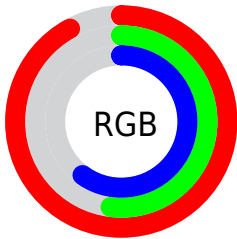
Format	Color
R _Y B	234, 132, 153
Decimal	15369369
CIE Lab	66.74, 41.33, 6.16
CIE LCh	67, 41.785, 8.480
Yxy	36.2949, 0.4033, 0.3054
Android (android.graphics.Color)	4293559449 (0xFFEA8499)
YUV	164.8920, -5.8628, 60.6077
Hunter-Lab	60.2452, 36.5901, 8.1043

Details

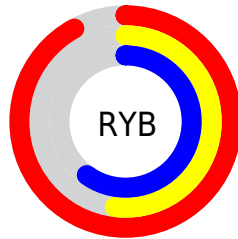
The XYZ color **47.9327, 36.2949, 34.6163** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.9505, 68.5560, 73.5018**, and the grayscale version is **35.7225, 37.5829, 40.9277**.

A 20% lighter version of the original color is **70.2728, 61.3056, 67.1609**, and **23.1714, 15.9267, 14.4233** is the 20% darker color. If you saturate the color by 10%, you get **43.6907, 30.0789, 26.2103**, and if you desaturate by 10%, it is **53.1273, 44.0333, 44.5199**.

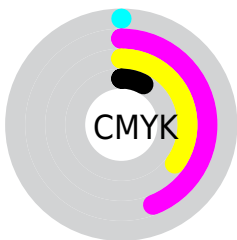
Distribution



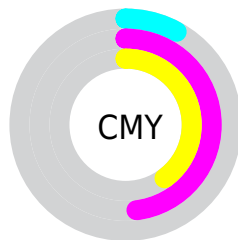
- Red (92%)
- Green (52%)
- Blue (60%)



- Red (92%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (44%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9327, 36.2949, 34.6163 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 47.9327, 36.2949, 34.6163 by changing the saturation by 10% instead.


 47.9327, 36.2949,
34.6163


 47.9327, 36.2949,
34.6163

369.1123,
330.2477, 337.7241


 33.9846, 24.6620,
23.0863

 86.3145, 69.4870,
68.0357

 23.0446, 15.8254,
14.4513


 111.4789, 91.8150,
90.7622

 14.7473, 9.4007,
8.2929


 141.1128,
118.4769, 118.0580

 8.7274, 5.0035,
4.1925

175.5816,
149.8570, 150.3415

 4.6195, 2.2493,
1.7315

215.2506,
186.3397, 188.0313

 2.0582, 0.7467,
0.3822

260.4851,

 0.6664, 0.0000,

228.3095, 231.5460

0.0000

311.6506,
276.1507, 281.3041

■ 0.0000, 0.0000,
0.0000

■ 47.9327, 36.2949,
34.6163

■ 47.9327, 36.2949,
34.6163

■ 43.6907, 30.0789,
26.2103

■ 53.1273, 44.0333,
44.5199

■ 40.3392, 25.2791,
19.2257

■ 59.3256, 53.3802,
55.9879

■ 37.8132, 21.7844,
13.5825

■ 66.5785, 64.4217,
69.0857

■ 36.0371, 19.4645,
9.1915

■ 74.9325, 77.2360,
83.8739

■ 34.9204, 18.1614,
5.9516

■ 84.4313, 91.8967,
100.4104

■ 34.4686, 17.7072,
4.4155

■ 87.7417, 96.2324,
108.5580

Harmonies

Analogous

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



47.0508, 36.2949, 53.6743



47.9327, 36.2949, 34.6163



44.8859, 36.2949, 21.6106

Triad

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



47.9327, 36.2949, 34.6163



27.4893, 36.2949, 18.0921



30.2380, 36.2949, 81.4242

Complementary

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



47.9327, 36.2949, 34.6163



50.9505, 68.5560, 73.5018

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.



25.8495, 36.2949, 65.3031



47.9327, 36.2949, 34.6163



24.4024, 36.2949, 28.1007

Square

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



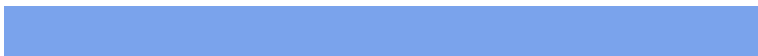
47.9327, 36.2949, 34.6163



32.7399, 36.2949, 14.1628



23.8409, 36.2949, 44.8640



36.3163, 36.2949, 84.7738

Rectangle

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



47.9327, 36.2949, 34.6163



41.2321, 36.2949, 16.6935



23.8409, 36.2949, 44.8640



28.5388, 36.2949, 77.1260

Sweetspot

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



47.9337, 36.2967, 34.6170



81.4188, 79.0618, 84.8592



50.2264, 36.4273, 82.2258



16.9809, 16.2411, 17.3653



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.



47.9337, 36.2967, 34.6170



53.7292, 37.4697, 33.1258



50.8252, 44.6150, 27.7650



15.1923, 15.1048, 16.2978



19.4059, 9.9651, 2.6730



1.5578, 0.7961, 0.3889

Inverse Universe

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



47.9337, 36.2967, 34.6170



53.7292, 37.4697, 33.1258



46.2237, 54.5580, 85.9363



15.1923, 15.1048, 16.2978



19.4059, 9.9651, 2.6730



1.5578, 0.7961, 0.3889

Previews

White Background



This preview shows how the XYZ color 47.9327, 36.2949, 34.6163 looks on a white background.

Color Contrast Check

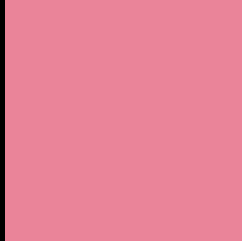
Large Text (above 18pt) WCAG AA × Fail

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 47.9327, 36.2949, 34.6163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

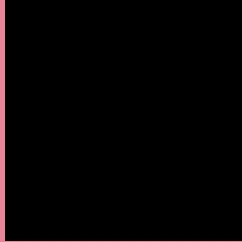
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9327, 36.2949, 34.6163

Background



This preview shows how black text looks on a background with the XYZ color 47.9327, 36.2949, 34.6163.



This preview shows how white text looks on a background with the XYZ color 47.9327, 36.2949, 34.6163.

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

47.9327, 36.2949, 34.6163

Protanopia

35.4859, 36.6355, 43.2313

Deuteranopia

37.2490, 36.4742, 33.5108



Tritanopia

47.0873, 36.3570, 30.5224

Trichromacy



Original Color

47.9327, 36.2949, 34.6163

Protanomaly

38.7537, 35.6324, 39.9572

Deuteranomaly

40.4520, 35.9384, 33.6589

Tritanomaly

47.2583, 36.2053, 32.1013

Monochromacy



Original Color

47.9327, 36.2949, 34.6163

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.0595, 36.3028, 38.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9327, 36.2949, 34.6163 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(234, 132, 153)` looks like.

```
.text, #text, p{  
    color:rgb(234, 132, 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(234, 132, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 132, 153) }
```

Border

The CSS property to change the border of an element to XYZ 47.9327, 36.2949, 34.6163 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(234, 132, 153) }
```


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

```
.border{ border-color:rgb(234, 132, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 132, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 132, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 132, 153);  
box-shadow:4px 4px 4px 4px rgb(234, 132,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9327, 36.2949, 34.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 132, 153) }
```

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

```
.background{ background-color: rgb(234,  
132, 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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