

Converting Colors

XYZ(49.1836, 34.6896, 32.9577)

Have a look what the booklet for
XYZ(49.1836, 34.6896, 32.9577)
contains.

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Color

**XYZ(49.1836, 34.6896,
32.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	F37896
RGB	243, 120, 150
RGB Percent	95%, 47%, 59%
CMY	0.0471, 0.5294, 0.4118
CMYK	0.00, 0.51, 0.38, 0.05
HSL	345°, 84%, 71%
HSV	345°, 51%, 95%
XYZ	49.1836, 34.6896, 32.9577
YIQ	160.1970, 63.6780, 35.4060

Conversions

Conversions Part 2

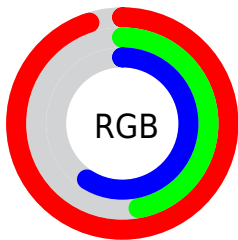
Format	Color
R_{YB}	243, 120, 150
Decimal	15956118
CIE _{Lab}	65.51, 50.10, 6.24
CIE _{LCh}	66, 50.486, 7.103
Yxy	34.6896, 0.4210, 0.2969
Android (android.graphics.Color)	4294146198 (0xFFFF37896)
YUV	160.1970, -5.0271, 72.6182
Hunter-Lab	58.8979, 45.9879, 8.0514

Details

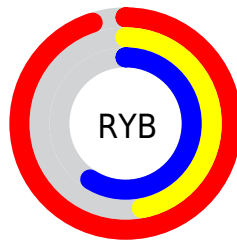
The XYZ color **49.1836, 34.6896, 32.9577** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.8083, 72.8991, 74.2952**, and the grayscale version is **33.5074, 35.2524, 38.3899**.

A 20% lighter version of the original color is **67.4691, 56.2796, 64.4338**, and **23.7288, 14.8646, 13.4229** is the 20% darker color. If you saturate the color by 10%, you get **45.2577, 29.0228, 24.9128**, and if you desaturate by 10%, it is **54.0848, 41.9355, 42.4730**.

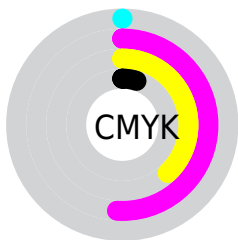
Distribution



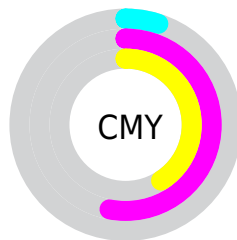
- Red (95%)
- Green (47%)
- Blue (59%)



- Red (95%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (51%)
- Yellow (38%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1836, 34.6896, 32.9577 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 49.1836, 34.6896, 32.9577 by changing the saturation by 10% instead.


 49.1836, 34.6896,
32.9577


 49.1836, 34.6896,
32.9577


373.9696,
323.1961, 330.0852


 34.9803, 23.4239,
21.8232


 88.1632, 67.0046,
65.4247

 23.8141, 14.9068,
13.5300


 113.6701, 88.8227,
87.5943

 15.3198, 8.7540,
7.6595


 143.6757,
114.9270, 114.2794

 9.1319, 4.5811,
3.7932

178.5451,
145.7020, 145.8984

 4.8851, 2.0036,
1.5126

218.6439,
181.5320, 182.8700

 2.2141, 0.6096,
0.2273

264.3374,

 0.7501, 0.0000,

222.8014, 225.6126

0.0000

315.9908,
269.8947, 274.5449

■ 0.0000, 0.0000,
0.0000

■ 49.1836, 34.6896,
32.9577

■ 49.1836, 34.6896,
32.9577

■ 45.2577, 29.0228,
24.9128

■ 54.0848, 41.9355,
42.4730

■ 42.2362, 24.8111,
18.2604

■ 60.0199, 50.8618,
53.5269

■ 40.0430, 21.9203,
12.9181

■ 67.0459, 61.5673,
66.1855

■ 38.5868, 20.1887,
8.7929

■ 75.2148, 74.1418,
80.5105

■ 37.7583, 19.3731,
5.9223

■ 84.5754, 88.6690,
96.5602

90.7721, 97.7947,
108.6998

Harmonies

Analogous

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



47.8756, 34.6896, 55.9269



49.1836, 34.6896, 32.9577



45.6570, 34.6896, 18.1513

Triad

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



49.1836, 34.6896, 32.9577



25.1186, 34.6896, 13.7181



27.7444, 34.6896, 89.0520

Complementary

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



49.1836, 34.6896, 32.9577



51.8083, 72.8991, 74.2952

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.



22.8845, 34.6896, 68.0350



49.1836, 34.6896, 32.9577



21.5341, 34.6896, 24.0431

Square

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



49.1836, 34.6896, 32.9577



31.2449, 34.6896, 10.0648



20.7820, 34.6896, 43.0317



34.7605, 34.6896, 94.2798

Rectangle

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



49.1836, 34.6896, 32.9577



41.3099, 34.6896, 12.8641



20.7820, 34.6896, 43.0317



25.8381, 34.6896, 83.2993

Sweetspot

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



49.1845, 34.6914, 32.9583



79.7266, 76.2522, 82.5236



50.1190, 33.9402, 88.7035



16.6554, 15.6912, 16.9446



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.



49.1845, 34.6914, 32.9583



50.2875, 32.0864, 27.3542



51.3800, 42.4655, 23.2602



16.6648, 16.5488, 17.9815



20.7675, 10.6504, 3.4839



1.8643, 0.9517, 0.5118

Inverse Universe

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



49.1845, 34.6914, 32.9583



50.2875, 32.0864, 27.3542



47.5308, 57.6776, 93.4216



16.6648, 16.5488, 17.9815



20.7675, 10.6504, 3.4839



1.8643, 0.9517, 0.5118

Previews

White Background



This preview shows how the XYZ color 49.1836, 34.6896, 32.9577 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 49.1836, 34.6896, 32.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

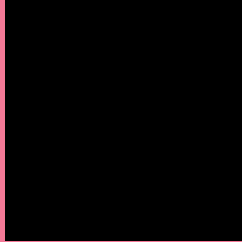
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1836, 34.6896, 32.9577

Background



This preview shows how black text looks on a background with the XYZ color 49.1836, 34.6896, 32.9577.



This preview shows how white text looks on a background with the XYZ color 49.1836, 34.6896,

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

49.1836, 34.6896, 32.9577

Protanopia

34.1426, 35.1458, 44.0140

Deuteranopia

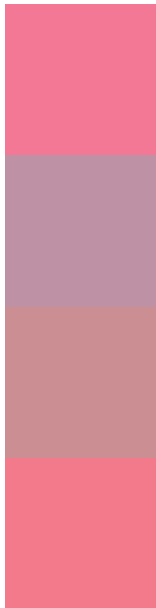
35.4120, 34.8281, 31.2416



Tritanopia

47.8658, 34.7091, 26.0065

Trichromacy



Original Color

49.1836, 34.6896, 32.9577

Protanomaly

38.0614, 33.8783, 39.6551

Deuteranomaly

39.4899, 34.1178, 31.6982

Tritanomaly

48.2377, 34.6604, 28.5738

Monochromacy



Original Color

49.1836, 34.6896, 32.9577

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

37.3614, 33.5982, 35.9684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1836, 34.6896, 32.9577 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(243, 120, 150)` looks like.

```
.text, #text, p{  
    color:rgb(243, 120, 150)  
}
```

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(243, 120, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 120, 150) }
```

Border

The CSS property to change the border of an element to XYZ 49.1836, 34.6896, 32.9577 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(243, 120, 150) }
```


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

```
.border{ border-color:rgb(243, 120, 150) }
```

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

Here you see how a box with a 4 pixel rgb(243, 120, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 120, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 120, 150);  
box-shadow:4px 4px 4px 4px rgb(243, 120,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1836, 34.6896, 32.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 120, 150) }
```

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

```
.background{ background-color: rgb(243,  
120, 150) }
```

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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