

Converting Colors

XYZ(47.0772, 35.1509, 24.4853)

Have a look what the booklet for
XYZ(47.0772, 35.1509, 24.4853)
contains.

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Color

**XYZ(47.0167, 35.0618,
24.3682)**

Conversions

Conversions Part 1

Format	Color
Hex	EF7F7F
RGB	239, 127, 127
RGB Percent	94%, 50%, 50%
CMY	0.0627, 0.5019, 0.5020
CMYK	0.00, 0.47, 0.47, 0.06
HSL	0°, 78%, 72%
HSV	0°, 47%, 94%
XYZ	47.0167, 35.0618, 24.3682
YIQ	160.4880, 66.7520, 23.7440

Conversions

Conversions Part 2

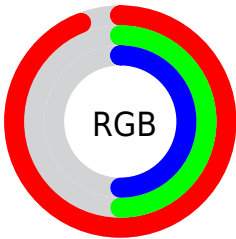
Format	Color
R_{YB}	239, 127, 127
Decimal	15695743
CIE _{Lab}	65.80, 42.86, 19.60
CIE _{LCh}	66, 47.132, 24.575
Yxy	35.0618, 0.4417, 0.3294
Android (android.graphics.Color)	4293885823 (0xFFEF7F7F)
YUV	160.4880, -16.5096, 68.8550
Hunter-Lab	59.2130, 38.1110, 17.0492

Details

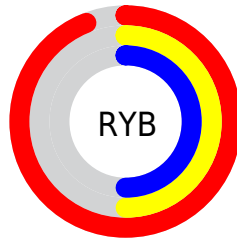
The XYZ color **47.0167, 35.0618, 24.3682** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.1969, 72.4730, 92.7405**, and the grayscale version is **33.6923, 35.4469, 38.6017**.

A 20% lighter version of the original color is **66.2062, 58.0112, 50.8879**, and **22.4816, 15.1659, 8.9501** is the 20% darker color. If you saturate the color by 10%, you get **42.9108, 29.0541, 16.2049**, and if you desaturate by 10%, it is **52.2258, 42.6847, 34.7223**.

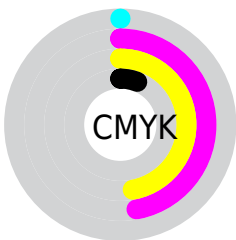
Distribution



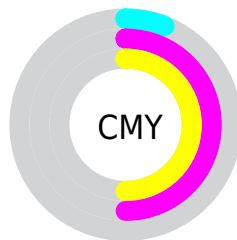
- Red (94%)
- Green (50%)
- Blue (50%)



- Red (94%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (47%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0167, 35.0618, 24.3682 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 47.0167, 35.0618, 24.3682 by changing the saturation by 10% instead.


 47.0167, 35.0618,
24.3682


 47.0167, 35.0618,
24.3682


365.5290,
324.8410, 288.0230


 33.2569, 23.7105,
15.3923


 84.9571, 67.5815,
51.5817

 22.4835, 15.1190,
8.9455


 109.8684, 89.5187,
70.6564

 14.3312, 8.9029,
4.6093


 139.2276,
115.7532, 93.9344

 8.4346, 4.6779,
1.9652

173.4000,
146.6696, 121.8342

 4.4284, 2.0596,
0.5338

212.7510,
182.6522, 154.7745

 1.9472, 0.6417,
0.0000

257.6459,

 0.6041, 0.0000,

224.0854, 193.1736

0.0000

308.4501,
271.3535, 237.4503

■ 0.0000, 0.0000,
0.0000

■ 47.0167, 35.0618,
24.3682

■ 47.0167, 35.0618,
24.3682

■ 42.9108, 29.0541,
16.2049

■ 52.2258, 42.6847,
34.7223

■ 39.8262, 24.5404,
10.0733

■ 58.6067, 52.0219,
47.4073

■ 37.6743, 21.3914,
5.7957

■ 66.2257, 63.1706,
62.5535

■ 36.3499, 19.4534,
3.1632

■ 75.1433, 76.2196,
80.2815

■ 35.7191, 18.5302,
1.9095

■ 85.4161, 91.2515,
100.7036

■ 35.5966, 18.3509,
1.6659

■ 89.4064, 97.0906,
108.6359

Harmonies

Analogous

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



48.4791, 35.0618, 41.9106



47.0167, 35.0618, 24.3682



41.6876, 35.0618, 14.7095

Triad

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



47.0167, 35.0618, 24.3682



23.5779, 35.0618, 20.0107



32.0775, 35.0618, 90.3634

Complementary

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



47.0167, 35.0618, 24.3682



55.1969, 72.4730, 92.7405

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.



26.1633, 35.0618, 78.6308



47.0167, 35.0618, 24.3682



21.7125, 35.0618, 34.6707

Square

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



47.0167, 35.0618, 24.3682



28.0703, 35.0618, 12.8754



22.5888, 35.0618, 56.4093



39.1980, 35.0618, 84.6356

Rectangle

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



47.0167, 35.0618, 24.3682



37.0078, 35.0618, 11.8898



22.5888, 35.0618, 56.4093



29.8954, 35.0618, 88.2361

Sweetspot

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



47.0176, 35.0636, 24.3688



79.4761, 77.2111, 77.9395



58.7659, 39.7616, 86.2384



16.5556, 15.8598, 15.7767



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.



47.0176, 35.0636, 24.3688



49.9929, 34.0686, 19.3287



56.3608, 53.7500, 27.4832



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



55.1969, 72.4730, 92.7405



60.5150, 82.1927, 107.2830



41.2660, 44.6111, 88.0968



16.2474, 17.9288, 20.3259



25.6652, 37.5546, 51.0239



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 47.0167, 35.0618, 24.3682 looks on a white background.

Color Contrast Check

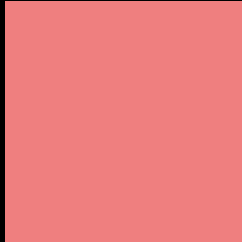
Large Text (above 18pt) WCAG AA × Fail

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 47.0167, 35.0618, 24.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

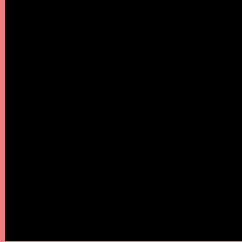
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0167, 35.0618, 24.3682

Background



This preview shows how black text looks on a background with the XYZ color 47.0167, 35.0618, 24.3682.



This preview shows how white text looks on a background with the XYZ color 47.0167, 35.0618,

24.3682.

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

47.0167, 35.0618, 24.3682

Protanopia

33.4651, 35.3403, 31.0442

Deuteranopia

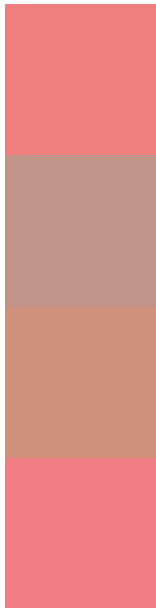
35.8075, 35.2077, 23.3209



Tritanopia

47.7692, 35.1962, 27.1975

Trichromacy



Original Color

47.0167, 35.0618, 24.3682

Protanomaly

37.0976, 34.3234, 28.3367

Deuteranomaly

39.3435, 34.6672, 23.6866

Tritanomaly

47.5609, 35.1129, 26.1005

Monochromacy



Original Color

47.0167, 35.0618, 24.3682

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.9215, 34.1367, 32.6601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0167, 35.0618, 24.3682 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(239, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(239, 127, 127)  
}
```

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(239, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 127, 127) }
```

Border

The CSS property to change the border of an element to XYZ 47.0167, 35.0618, 24.3682 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(239, 127, 127) }
```


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

```
.border{ border-color:rgb(239, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(239, 127,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0167, 35.0618, 24.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 127, 127) }
```

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

```
.background{ background-color: rgb(239,  
127, 127) }
```

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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