

Converting Colors

XYZ(45.9490, 34.2637, 25.0791)

Have a look what the booklet for
XYZ(45.9490, 34.2637, 25.0791)
contains.

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Color

**XYZ(46.0154, 34.3396,
24.9718)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EC7E81 |
| RGB | 236, 126, 129 |
| RGB Percent | 93%, 49%, 51% |
| CMY | 0.0745, 0.5059, 0.4941 |
| CMYK | 0.00, 0.47, 0.45, 0.07 |
| HSL | 358°, 74%, 71% |
| HSV | 358°, 47%, 93% |
| XYZ | 46.0154, 34.3396, 24.9718 |
| YIQ | 159.2320, 64.5970, 24.2530 |

Conversions

Conversions Part 2

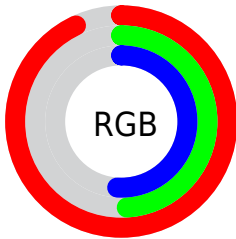
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 126, 129 |
| Decimal | 15498881 |
| CIE Lab | 65.23, 42.47, 17.63 |
| CIE LCh | 65, 45.987, 22.545 |
| Yxy | 34.3396, 0.4369, 0.3260 |
| Android (android.graphics.Color) | 4293688961 (0xFFEC7E81) |
| YUV | 159.2320, -14.9044, 67.3255 |
| Hunter-Lab | 58.6000, 37.6164, 15.7542 |

Details

The XYZ color **46.0154, 34.3396, 24.9718** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.3095, 70.3105, 87.8568**, and the grayscale version is **33.1072, 34.8314, 37.9314**.

A 20% lighter version of the original color is **66.2074, 57.6851, 51.9008**, and **21.8012, 14.7069, 9.2791** is the 20% darker color. If you saturate the color by 10%, you get **41.9873, 28.4573, 16.9273**, and if you desaturate by 10%, it is **51.0999, 41.7860, 35.0602**.

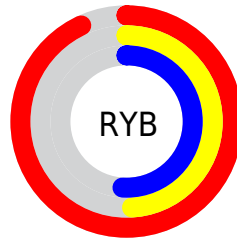
Distribution



Red (93%)

Green (49%)

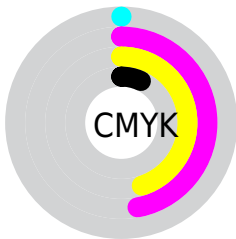
Blue (51%)



Red (93%)

Yellow (49%)

Blue (51%)

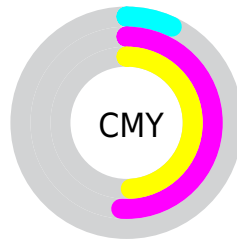


Cyan (0%)

Magenta (47%)

Yellow (45%)

Black (7%)



Cyan (7%)


Magenta (51%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0154, 34.3396, 24.9718 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 46.0154, 34.3396, 24.9718 by changing the saturation by 10% instead.


 46.0154, 34.3396,
24.9718


 46.0154, 34.3396,
24.9718


361.5855,
321.6437, 291.1407

 32.4626, 23.1546,
15.8372


 83.4698, 66.4614,
52.5750

 21.8724, 14.7077,
9.2559


 108.1021, 88.1671,
71.8807

 13.8792, 8.6145,
4.8094


 137.1583,
114.1484, 95.4139

 8.1179, 4.4906,
2.0791

171.0038,
144.7897, 123.5931

 4.2229, 1.9516,
0.6033

210.0039,
180.4755, 156.8368

 1.8290, 0.5791,
0.0000

254.5240,

 0.5350, 0.0000,

221.5902, 195.5636

0.0000

304.9294,
268.5181, 240.1921

■ 0.0000, 0.0000,
0.0000

■ 46.0154, 34.3396,
24.9718

■ 46.0154, 34.3396,
24.9718

■ 41.9873, 28.4573,
16.9273

■ 51.0999, 41.7860,
35.0602

■ 38.9387, 24.0229,
10.7856

■ 57.3049, 50.8913,
47.3170

■ 36.7871, 20.9125,
6.3904

■ 64.6930, 61.7492,
61.8589

■ 35.4346, 18.9795,
3.5601

■ 73.3209, 74.4446,
78.7938

■ 34.7596, 18.0389,
2.0729

■ 83.2419, 89.0573,
98.2226

■ 34.6272, 17.8469,
1.8042

■ 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



47.1232, 34.3396, 42.3753



46.0154, 34.3396, 24.9718



41.1010, 34.3396, 15.1111

Triad

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



46.0154, 34.3396, 24.9718



23.4572, 34.3396, 19.1664



30.9984, 34.3396, 87.0902

Complementary

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



46.0154, 34.3396, 24.9718



53.3095, 70.3105, 87.8568

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.



25.4259, 34.3396, 74.9108



46.0154, 34.3396, 24.9718



21.4756, 34.3396, 32.8119

Square

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



46.0154, 34.3396, 24.9718



27.9521, 34.3396, 12.6465



22.1437, 34.3396, 53.3637



37.8220, 34.3396, 82.7651

Rectangle

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



46.0154, 34.3396, 24.9718



36.6503, 34.3396, 12.1112



22.1437, 34.3396, 53.3637



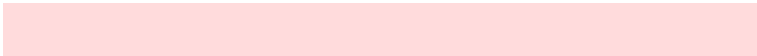
28.9312, 34.3396, 84.6797

Sweetspot

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



46.0163, 34.3414, 24.9724



79.6042, 77.2614, 78.6163



55.9891, 38.1913, 83.7774



16.5862, 15.8718, 15.9385



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.



46.0163, 34.3414, 24.9724



50.2137, 34.1555, 20.4956



54.1472, 50.9170, 26.7152



15.0821, 15.0607, 15.7176



19.0948, 9.8406, 1.0345



1.5053, 0.7751, 0.1121

Inverse Universe

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



46.0163, 34.3414, 24.9724



50.2137, 34.1555, 20.4956



41.0255, 45.0522, 85.8904



15.0821, 15.0607, 15.7176



19.0948, 9.8406, 1.0345



1.5053, 0.7751, 0.1121

Previews

White Background



This preview shows how the XYZ color 46.0154, 34.3396, 24.9718 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 46.0154, 34.3396, 24.9718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

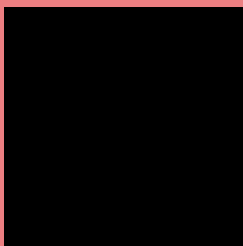
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0154, 34.3396, 24.9718

Background



This preview shows how black text looks on a background with the XYZ color 46.0154, 34.3396, 24.9718.



This preview shows how white text looks on a background with the XYZ color 46.0154, 34.3396,

24.9718.

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

46.0154, 34.3396, 24.9718

Protanopia

32.8547, 34.4974, 31.7151

Deuteranopia

35.1160, 34.3508, 23.8483



Tritanopia

46.2288, 34.2213, 26.7231

Trichromacy



Original Color

46.0154, 34.3396, 24.9718

Protanomaly

36.4249, 33.4982, 28.9721

Deuteranomaly

38.4902, 33.9886, 24.2705

Tritanomaly

46.0905, 34.1660, 25.9953

Monochromacy



Original Color

46.0154, 34.3396, 24.9718

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.2725, 33.5704, 32.5849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0154, 34.3396, 24.9718 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, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(236, 126, 129)  
}
```

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, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 126, 129) }
```

Border

The CSS property to change the border of an element to XYZ 46.0154, 34.3396, 24.9718 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, 126, 129) }
```


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

```
.border{ border-color:rgb(236, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 126, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 126, 129);  
box-shadow:4px 4px 4px 4px rgb(236, 126,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0154, 34.3396, 24.9718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 126, 129) }
```

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

```
.background{ background-color: rgb(236,  
126, 129) }
```

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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