

Converting Colors

XYZ(46.1369, 37.7013, 24.9241)

Have a look what the booklet for
XYZ(46.1369, 37.7013, 24.9241)
contains.

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Color

**XYZ(46.1369, 37.7013,
24.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	E68E7F
RGB	230, 142, 127
RGB Percent	90%, 56%, 50%
CMY	0.0980, 0.4431, 0.5020
CMYK	0.00, 0.38, 0.45, 0.10
HSL	9°, 67%, 70%
HSV	9°, 45%, 90%
XYZ	46.1369, 37.7013, 24.9241
YIQ	166.6020, 57.2630, 13.9910

Conversions

Conversions Part 2

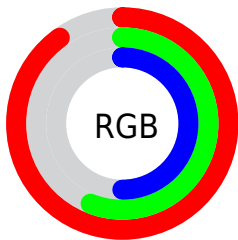
Format	Color
R_{YB}	230, 145, 127
Decimal	15109759
CIE _{Lab}	67.80, 31.75, 22.14
CIE _{LCh}	68, 38.703, 34.890
Yxy	37.7013, 0.4242, 0.3466
Android (android.graphics.Color)	4293299839 (0xFFE68E7F)
YUV	166.6020, -19.5238, 55.6000
Hunter-Lab	61.4014, 26.6722, 18.9139

Details

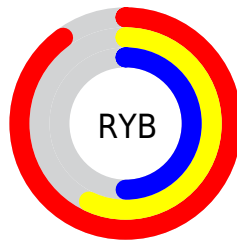
The XYZ color **46.1369, 37.7013, 24.9241** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.3346, 58.8235, 83.7220**, and the grayscale version is **36.6103, 38.5169, 41.9449**.

A 20% lighter version of the original color is **69.4445, 64.4878, 51.9673**, and **21.8259, 16.5203, 9.2461** is the 20% darker color. If you saturate the color by 10%, you get **42.1353, 31.8294, 17.0200**, and if you desaturate by 10%, it is **50.9979, 44.7445, 34.8034**.

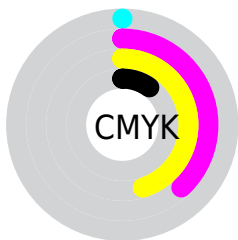
Distribution



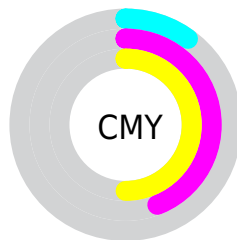
- Red (90%)
- Green (56%)
- Blue (50%)



- Red (90%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (45%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1369, 37.7013, 24.9241 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 46.1369, 37.7013, 24.9241 by changing the saturation by 10% instead.


 46.1369, 37.7013,
24.9241


 46.1369, 37.7013,
24.9241


362.0655,
336.3369, 290.8953

 32.5589, 25.7509,
15.8020


 83.6505, 71.6501,
52.4967

 21.9464, 16.6374,
9.2313


 108.3168, 94.4173,
71.7842

 13.9339, 9.9763,
4.7935


 137.4099,
121.5589, 95.2973

 8.1561, 5.3833,
2.0700

171.2952,
153.4593, 123.4545

 4.2476, 2.4738,
0.5978

210.3381,
190.5029, 156.6744

 1.8432, 0.8635,
0.0000

254.9038,

 0.5435, 0.0000,

233.0741, 195.3755

0.0000

305.3579,
281.5573, 239.9763

■ 0.0000, 0.0000,
0.0000

■ 46.1369, 37.7013,
24.9241

■ 46.1369, 37.7013,
24.9241

■ 42.1353, 31.8294,
17.0200

■ 50.9979, 44.7445,
34.8034

■ 38.9395, 27.0595,
10.9555

■ 56.7620, 53.0120,
46.7765

■ 36.4945, 23.3239,
6.5817

■ 63.4730, 62.5605,
60.9553

■ 34.7367, 20.5448,
3.7249

■ 71.1713, 73.4413,
77.4431

■ 33.5912, 18.6330,
2.1740

■ 79.8948, 85.7030,
96.3367

■ 33.1911, 17.9390,
1.7132

■ 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



48.5796, 37.7013, 38.3017



46.1369, 37.7013, 24.9241



40.9476, 37.7013, 17.8387

Triad

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



46.1369, 37.7013, 24.9241



26.3830, 37.7013, 28.5824



36.8249, 37.7013, 83.4721

Complementary

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



46.1369, 37.7013, 24.9241



47.3346, 58.8235, 83.7220

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.



31.1648, 37.7013, 78.7530



46.1369, 37.7013, 24.9241



25.5388, 37.7013, 43.9273

Square

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



46.1369, 37.7013, 24.9241



29.6407, 37.7013, 19.5013



27.1918, 37.7013, 62.9592



42.8349, 37.7013, 74.4902

Rectangle

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



46.1369, 37.7013, 24.9241



36.8696, 37.7013, 16.1796



27.1918, 37.7013, 62.9592



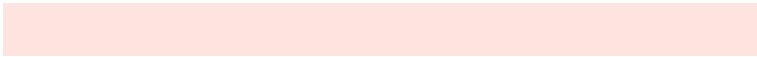
34.8178, 37.7013, 83.4544

Sweetspot

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



46.1379, 37.7032, 24.9248



81.7862, 81.2888, 80.3816



52.6518, 36.9737, 69.5082



17.0699, 16.7815, 16.2770



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.



46.1379, 37.7032, 24.9248



53.4655, 40.5454, 21.9304



55.3649, 56.1573, 28.0005



14.5456, 14.7050, 14.9762



18.8445, 10.2632, 0.9878



1.4459, 0.8651, 0.0908

Inverse Universe

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



47.3346, 58.8235, 83.7220



55.1175, 70.4048, 105.2922



36.4487, 37.0517, 80.0934



14.6191, 15.9596, 18.4543



19.3951, 25.8522, 46.3509



1.4823, 2.0085, 3.4415

Previews

White Background



This preview shows how the XYZ color 46.1369, 37.7013, 24.9241 looks on a white background.

Color Contrast Check

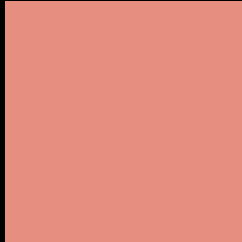
Large Text (above 18pt) WCAG AA × Fail

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 46.1369, 37.7013, 24.9241 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 46.1369, 37.7013, 24.9241

Background



This preview shows how black text looks on a background with the XYZ color 46.1369, 37.7013, 24.9241.



This preview shows how white text looks on a background with the XYZ color 46.1369, 37.7013,

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

46.1369, 37.7013, 24.9241

Protanopia

35.7218, 37.8592, 29.4696

Deuteranopia

38.5419, 37.8536, 24.3439



Tritanopia

47.9361, 37.7910, 33.2016

Trichromacy



Original Color

46.1369, 37.7013, 24.9241

Protanomaly

38.8657, 37.4373, 27.7319

Deuteranomaly

41.1053, 37.6730, 24.5072

Tritanomaly

47.1408, 37.6682, 29.9854

Monochromacy



Original Color

46.1369, 37.7013, 24.9241

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.1296, 37.6679, 34.9140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1369, 37.7013, 24.9241 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(230, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 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(230, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 127) }
```

Border

The CSS property to change the border of an element to XYZ 46.1369, 37.7013, 24.9241 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(230, 142, 127) }
```


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

```
.border{ border-color:rgb(230, 142, 127) }
```

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

Here you see how a box with a 4 pixel rgb(230, 142, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 142,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1369, 37.7013, 24.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 127) }
```

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

```
.background{ background-color: rgb(230,  
142, 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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