

Converting Colors

XYZ(54.8634, 46.8615, 40.6179)

Have a look what the booklet for
XYZ(54.8634, 46.8615, 40.6179)
contains.

XYZ(54.9679, 47.0159, 40.8282)	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(54.9679, 47.0159,
40.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA3A3
RGB	238, 163, 163
RGB Percent	93%, 64%, 64%
CMY	0.0667, 0.3608, 0.3608
CMYK	0.00, 0.32, 0.32, 0.07
HSL	0°, 69%, 79%
HSV	0°, 32%, 93%
XYZ	54.9679, 47.0159, 40.8282
YIQ	185.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

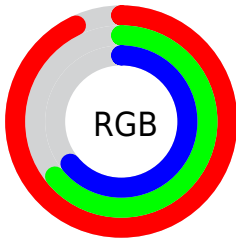
Format	Color
R _Y B	238, 163, 163
Decimal	15639459
CIE Lab	74.20, 27.78, 11.30
CIE LCh	74, 29.991, 22.125
Yxy	47.0159, 0.3849, 0.3292
Android (android.graphics.Color)	4293829539 (0xFFEEA3A3)
YUV	185.4250, -11.0555, 46.1083
Hunter-Lab	68.5681, 23.1009, 12.6941

Details

The XYZ color **54.9679, 47.0159, 40.8282** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.1101, 75.1058, 92.1649**, and the grayscale version is **46.3942, 48.8103, 53.1544**.

A 20% lighter version of the original color is **78.9663, 76.4648, 76.9269**, and **27.3761, 22.2199, 17.8849** is the 20% darker color. If you saturate the color by 10%, you get **49.1975, 38.5726, 29.3555**, and if you desaturate by 10%, it is **61.9372, 57.2143, 54.6812**.

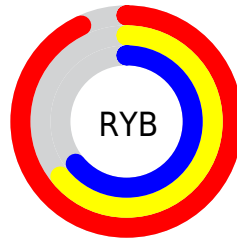
Distribution



Red (93%)

Green (64%)

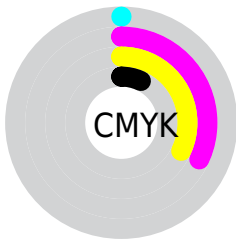
Blue (64%)



Red (93%)

Yellow (64%)

Blue (64%)

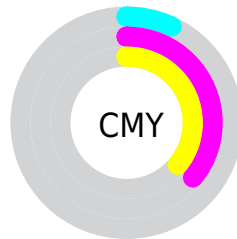


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9679, 47.0159, 40.8282 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 54.9679, 47.0159, 40.8282 by changing the saturation by 10% instead.


 54.9679, 47.0159,
40.8282

 54.9679, 47.0159,
40.8282


395.9286,
374.8780, 365.2574

 39.6098, 33.0482,
27.8662

 96.6425, 85.7374,
77.6739

 27.4173, 22.1634,
17.9866


 123.6897,
111.2599, 102.3946

 18.0251, 13.9770,
10.7711

155.3640,
141.4029, 131.8720

 11.0678, 8.1047,
5.8009

192.0306,
176.5507, 166.5245

 6.1801, 4.1620,
2.6576

234.0551,
217.0877, 206.7708

 2.9966, 1.7646,
0.9219

281.8027,

 1.1520, 0.4650,

263.3984, 253.0293

0.0000

335.6387,
315.8670, 305.7187

■ 0.0679, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9679, 47.0159,
40.8282

■ 54.9679, 47.0159,
40.8282

■ 49.1975, 38.5726,
29.3555

■ 61.9372, 57.2143,
54.6812

■ 44.5551, 31.7793,
20.1267

■ 70.1636, 69.2518,
71.0352

■ 40.9678, 26.5300,
12.9956

■ 79.7061, 83.2152,
90.0056

■ 38.3530, 22.7037,
7.7979

■ 89.0699, 96.9171,
108.6201

■ 36.6157, 20.1614,
4.3447

■ 35.6419, 18.7363,
2.4092

■ 35.2600, 18.1775,
1.6502

Harmonies

Analogous

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



55.7337, 47.0159, 55.3582



54.9679, 47.0159, 40.8282



51.3416, 47.0159, 31.1923

Triad

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



54.9679, 47.0159, 40.8282



37.0112, 47.0159, 35.0773



43.2853, 47.0159, 86.4910

Complementary

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



54.9679, 47.0159, 40.8282



61.1101, 75.1058, 92.1649

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.



38.6342, 47.0159, 78.3099



54.9679, 47.0159, 40.8282



35.2062, 47.0159, 47.2409

Square

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



54.9679, 47.0159, 40.8282



40.9044, 47.0159, 28.3659



35.7756, 47.0159, 63.1768



48.6964, 47.0159, 83.8214

Rectangle

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



54.9679, 47.0159, 40.8282



47.9371, 47.0159, 27.8620



35.7756, 47.0159, 63.1768



41.5876, 47.0159, 84.8695

Sweetspot

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



54.9692, 47.0181, 40.8291



84.6837, 84.8313, 88.2919



63.7899, 50.5450, 87.2829



17.7929, 17.6702, 18.2363



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.



54.9692, 47.0181, 40.8291



59.6652, 48.2222, 38.5560



62.6412, 62.3623, 43.3865



15.7730, 15.7590, 16.3602



19.6716, 10.1413, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

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



61.1101, 75.1058, 92.1649



67.9281, 86.0151, 107.6301



51.3075, 55.5005, 88.8973



16.2473, 17.9288, 20.3259



25.6648, 37.5538, 51.0238



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 54.9679, 47.0159, 40.8282 looks on a white background.

Color Contrast Check

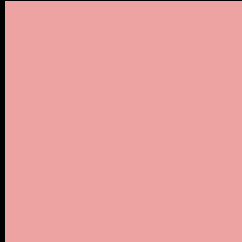
Large Text (above 18pt) WCAG AA × Fail

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 54.9679, 47.0159, 40.8282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

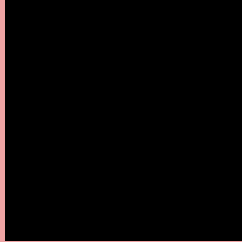
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9679, 47.0159, 40.8282

Background



This preview shows how black text looks on a background with the XYZ color 54.9679, 47.0159, 40.8282.



This preview shows how white text looks on a background with the XYZ color 54.9679, 47.0159,

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

54.9679, 47.0159, 40.8282

Protanopia

45.0098, 47.1644, 46.2665

Deuteranopia

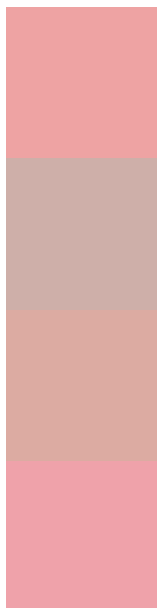
48.2529, 47.1792, 40.2815



Tritanopia

55.9815, 46.8965, 46.1458

Trichromacy



Original Color

54.9679, 47.0159, 40.8282

Protanomaly

47.9450, 46.6463, 44.0128

Deuteranomaly

50.5997, 46.9501, 40.5778

Tritanomaly

55.7726, 47.0937, 44.1807

Monochromacy



Original Color

54.9679, 47.0159, 40.8282

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5598, 47.4560, 48.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9679, 47.0159, 40.8282 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(238, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(238, 163, 163)  
}
```

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(238, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 163, 163) }
```

Border

The CSS property to change the border of an element to XYZ 54.9679, 47.0159, 40.8282 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(238, 163, 163) }
```


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

```
.border{ border-color:rgb(238, 163, 163) }
```

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

Here you see how a box with a 4 pixel rgb(238, 163, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(238, 163,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9679, 47.0159, 40.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 163, 163) }
```

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

```
.background{ background-color: rgb(238,  
163, 163) }
```

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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