

# Converting Colors

XYZ(41.6208, 43.1376, 41.8476)

Have a look what the booklet for  
XYZ(41.6208, 43.1376, 41.8476)  
contains.

<b>XYZ(41.6947, 43.1791, 41.7342)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(41.6947, 43.1791,  
41.7342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8AEA5
RGB	184, 174, 165
RGB Percent	72%, 68%, 65%
CMY	0.2784, 0.3176, 0.3529
CMYK	0.00, 0.05, 0.10, 0.28
HSL	28°, 12%, 68%
HSV	28°, 10%, 72%
XYZ	41.6947, 43.1791, 41.7342
YIQ	175.9640, 8.8490, -0.6790

# Conversions

## Conversions Part 2

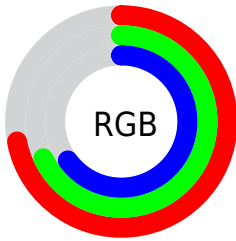
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 182, 165
Decimal	12103333
CIELab	71.68, 2.00, 5.89
CIELCh	72, 6.215, 71.252
Yxy	43.1791, 0.3293, 0.3410
Android (android.graphics.Color)	4290293413 (0xFFB8AEA5)
YUV	175.9640, -5.4053, 7.0476
Hunter-Lab	65.7108, -1.7324, 8.3413

# Details

The XYZ color **41.6947, 43.1791, 41.7342** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4985, 42.1190, 51.3956**, and the grayscale version is **41.2731, 43.4225, 47.2871**.

A 20% lighter version of the original color is **76.8728, 79.7312, 79.0482**, and **19.3002, 19.9366, 18.4537** is the 20% darker color. If you saturate the color by 10%, you get **38.3360, 38.9516, 32.9379**, and if you desaturate by 10%, it is **45.4315, 47.7764, 51.8464**.

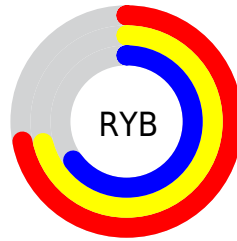
# Distribution



Red (72%)

Green (68%)

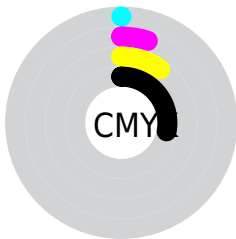
Blue (65%)



Red (72%)

Yellow (71%)

Blue (65%)

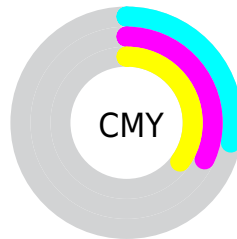


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6947, 43.1791, 41.7342 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 41.6947, 43.1791, 41.7342 by changing the saturation by 10% instead.





 41.6947, 43.1791,  
41.7342


 41.6947, 43.1791,  
41.7342


344.2290,  
359.3478, 369.1470

 29.0524, 30.0257,  
28.5692


 77.0054, 79.9811,  
79.0629

 19.2649, 19.8581,  
18.5124


 100.4045,  
104.3984, 104.0637

 11.9670, 12.2919,  
11.1453

128.1199,  
133.3391, 133.8469

 6.7933, 6.9428,  
6.0492

160.5170,  
167.1876, 168.8310

 3.3783, 3.4264,  
2.8058

197.9611,  
206.3284, 209.4345

 1.3568, 1.3582,  
0.9963

240.8175,

 0.2252, 0.1856,

251.1457, 256.0760

0.0000

289.4517,  
302.0241, 309.1740

■ 0.0000, 0.0000,  
0.0000

■ 41.6947, 43.1791,  
41.7342

■ 41.6947, 43.1791,  
41.7342

■ 38.3360, 38.9516,  
32.9379

■ 45.4315, 47.7764,  
51.8464

■ 35.3389, 35.0785,  
25.3999

■ 49.5554, 52.7471,  
63.3233

■ 32.6907, 31.5514,  
19.0622

■ 54.0791, 58.1022,  
76.2147

■ 30.3764, 28.3596,  
13.8615

■ 59.0140, 63.8501,  
90.5670

■ 28.3800, 25.4916,  
9.7281

■ 64.0469, 69.8696,  
104.7183

■ 26.6837, 22.9351,  
6.5850

■ 66.6986, 75.1731,  
105.6022

■ 25.2677, 20.6768,  
4.3445

■ 69.5005, 80.7769,  
106.5362

■ 24.1090, 18.7018,  
2.9029

■ 72.4549, 86.6856,  
107.5210

■ 23.1913, 17.0384,  
2.0664

■ 73.5773, 88.9304,  
107.8951

# Harmonies

## Analogous

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



42.5817, 43.1791, 43.2936



41.6947, 43.1791, 41.7342



40.6466, 43.1791, 41.5532

# Triad

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



41.6947, 43.1791, 41.7342



39.0863, 43.1791, 48.1554



42.3902, 43.1791, 51.5108

# Complementary

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



41.6947, 43.1791, 41.7342



39.4985, 42.1190, 51.3956

# 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.



41.4368, 43.1791, 52.9349



41.6947, 43.1791, 41.7342



39.5368, 43.1791, 50.9432

# Square

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



41.6947, 43.1791, 41.7342



39.1527, 43.1791, 45.1753



40.3931, 43.1791, 52.7228



42.9879, 43.1791, 48.9033



# Rectangle

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



41.6947, 43.1791, 41.7342



39.9988, 43.1791, 42.2292



40.3931, 43.1791, 52.7228



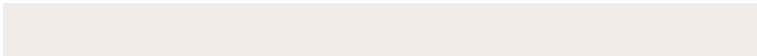
42.1000, 43.1791, 52.1487

# Sweetspot

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



41.6959, 43.1810, 41.7351



80.4428, 84.2709, 88.7497



40.9737, 40.2016, 46.2267



17.2222, 18.0206, 18.8072



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6959, 43.1810, 41.7351



74.3915, 76.7893, 72.4869



43.5682, 46.9257, 42.3592



9.3462, 9.6953, 9.4857



16.0530, 11.8824, 1.4474



0.6279, 0.5430, 0.0717



# Inverse Universe

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



39.4985, 42.1190, 51.3956



69.7444, 74.5432, 92.9170



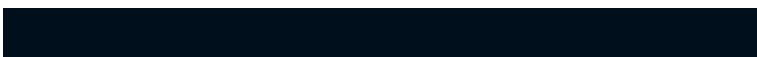
37.7390, 38.6000, 50.8091



8.9016, 9.4804, 11.4402



8.9677, 8.3951, 32.4008



0.3776, 0.4189, 1.1627



# Previews

## White Background



This preview shows how the XYZ color 41.6947, 43.1791, 41.7342 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 41.6947, 43.1791, 41.7342 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

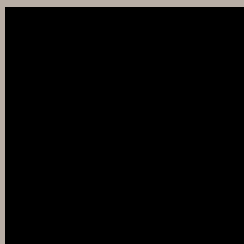
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

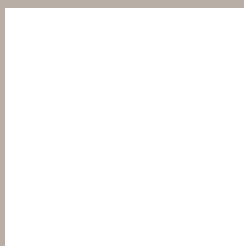
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 41.6947, 43.1791, 41.7342**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.6947, 43.1791, 41.7342.



This preview shows how white text looks on a background with the XYZ color 41.6947, 43.1791,

41.7342.

# 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

41.6947, 43.1791, 41.7342

### Protanopia

41.1776, 43.2003, 41.7655

### Deuteranopia

44.0226, 43.2384, 42.1020



## Tritanopia

43.8134, 43.1934, 51.9269

# Trichromacy



## Original Color

41.6947, 43.1791, 41.7342

## Protanomaly

41.4129, 43.3216, 41.7765

## Deuteranomaly

43.1841, 43.0855, 42.1167

## Tritanomaly

43.0381, 43.1585, 48.1816

# Monochromacy



## Original Color

41.6947, 43.1791, 41.7342

## Achromatopsia

41.2663, 43.4154, 47.2793

## Achromatomaly

41.3668, 43.2222, 45.1922

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.6947, 43.1791, 41.7342 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(184, 174, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 165)  
}
```

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(184, 174, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 165) }
```

## Border

The CSS property to change the border of an element to XYZ 41.6947, 43.1791, 41.7342 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(184, 174, 165) }
```



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

```
.border{ border-color:rgb(184, 174, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
165) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.6947, 43.1791, 41.7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 165) }
```

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

```
.background{ background-color: rgb(184,  
174, 165) }
```

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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