

Converting Colors

XYZ(41.8238, 42.9804, 55.2553)

Have a look what the booklet for
XYZ(41.8238, 42.9804, 55.2553)
contains.

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Color

**XYZ(41.7736, 42.9179,
55.3725)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ADAEBF |
| RGB | 173, 174, 191 |
| RGB Percent | 68%, 68%, 75% |
| CMY | 0.3216, 0.3176, 0.2510 |
| CMYK | 0.09, 0.09, 0.00, 0.25 |
| HSL | 237°, 12%, 71% |
| HSV | 237°, 9%, 75% |
| XYZ | 41.7736, 42.9179, 55.3725 |
| YIQ | 175.6390, -6.0530, 5.0750 |

Conversions

Conversions Part 2

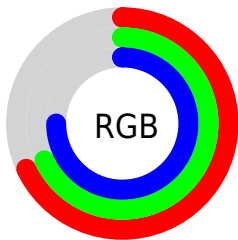
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 173, 174, 191 |
| Decimal | 11382463 |
| CIELab | 71.50, 3.00, -8.78 |
| CIELCh | 71, 9.278, 288.870 |
| Yxy | 42.9179, 0.2982, 0.3064 |
| Android (android.graphics.Color) | 4289572543 (0xFFADAEBF) |
| YUV | 175.6390, 7.5730, -2.3144 |
| Hunter-Lab | 65.5118, -0.8250, -4.2555 |

Details

The XYZ color **41.7736, 42.9179, 55.3725** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.4423, 50.9201, 46.8641**, and the grayscale version is **41.0441, 43.1816, 47.0247**.

A 20% lighter version of the original color is **76.8027, 79.2480, 99.2441**, and **19.4321, 19.8190, 26.8460** is the 20% darker color. If you saturate the color by 10%, you get **34.5948, 34.3880, 54.1051**, and if you desaturate by 10%, it is **50.0266, 52.6985, 56.8260**.

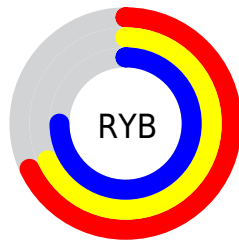
Distribution



Red (68%)

Green (68%)

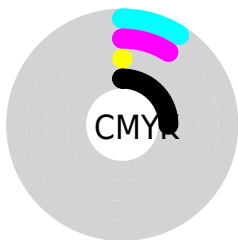
Blue (75%)



Red (68%)

Yellow (68%)

Blue (75%)

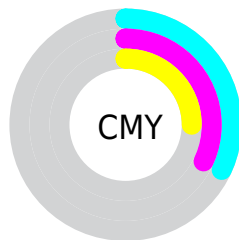


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (32%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7736, 42.9179, 55.3725 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 41.7736, 42.9179, 55.3725 by changing the saturation by 10% instead.

■ 41.7736, 42.9179,
55.3725

■ 41.7736, 42.9179,
55.3725

344.5512,
358.2740, 424.6441

■ 29.1144, 29.8207,
39.2994

■ 77.1242, 79.5870,
99.5631

■ 19.3121, 19.7025,
26.6831

100.5463,
103.9276, 128.5178

■ 12.0013, 12.1790,
17.1050

128.2867,
132.7849, 162.6033

■ 6.8168, 6.8657,
10.1467

160.7108,
166.5431, 202.2384

■ 3.3931, 3.3783,
5.3894

198.1839,
205.5868, 247.8414

■ 1.3649, 1.3323,
2.4148

241.0715,

■ 0.2310, 0.1660,

250.3002, 299.8310

0.7945

289.7388,
301.0678, 358.6257

■ 0.0000, 0.0000,
0.0000

■ 41.7736, 42.9179,
55.3725

■ 41.7736, 42.9179,
55.3725

■ 34.5948, 34.3880,
54.1051

■ 50.0266, 52.6985,
56.8260

■ 28.4424, 27.0532,
53.0136

■ 59.3916, 63.7716,
58.4698

■ 23.2707, 20.8618,
52.0911

■ 69.9089, 76.1840,
60.3113

■ 19.0289, 15.7560,
51.3292

■ 81.6160, 89.9782,
62.3568

■ 15.6617, 11.6733,
50.7186

■ 86.4041, 96.5416,
63.3713

■ 13.1081, 8.5446,
50.2493

■ 11.2989, 6.2922,
49.9099

■ 10.1537, 4.8265,
49.6873

■ 9.5454, 4.0239,
49.5645

Harmonies

Analogous

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



40.2138, 42.9179, 55.7105



41.7736, 42.9179, 55.3725



43.1020, 42.9179, 52.6338

Triad

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



41.7736, 42.9179, 55.3725



42.8045, 42.9179, 40.5325



37.9091, 42.9179, 45.0858

Complementary

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



41.7736, 42.9179, 55.3725



47.4423, 50.9201, 46.8641

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.



38.5664, 42.9179, 41.2856



41.7736, 42.9179, 55.3725



41.3760, 42.9179, 38.7710

Square

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



41.7736, 42.9179, 55.3725



43.7076, 42.9179, 43.9969



39.8262, 42.9179, 39.0376



38.0094, 42.9179, 49.5746

Rectangle

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



41.7736, 42.9179, 55.3725



43.6651, 42.9179, 49.9076



39.8262, 42.9179, 39.0376



38.0481, 42.9179, 43.6908

Sweetspot

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



41.7749, 42.9197, 55.3734



84.0149, 87.7721, 100.7928



45.1376, 49.8556, 55.8454



18.1818, 18.9574, 22.0862



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.7749, 42.9197, 55.3734



72.4308, 74.0351, 98.7518



43.3575, 43.4492, 55.3922



9.0580, 9.3083, 11.9915



6.2757, 2.6632, 32.5762



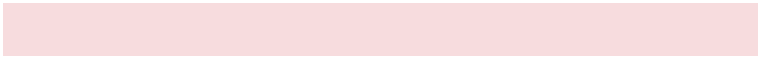
0.2606, 0.1338, 1.2810

Inverse Universe

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



44.0704, 44.0204, 46.2205



77.2505, 76.3541, 79.5325



45.7504, 50.3713, 46.8473



9.5511, 9.5448, 10.0253



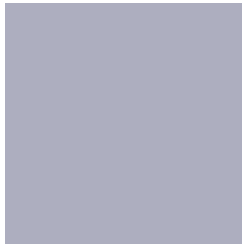
14.1685, 7.2985, 0.9148



0.5624, 0.2889, 0.0750

Previews

White Background



This preview shows how the XYZ color 41.7736, 42.9179, 55.3725 looks on a white background.

Color Contrast Check

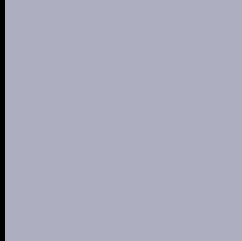
Large Text (above 18pt) WCAG AA × Fail

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 41.7736, 42.9179, 55.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

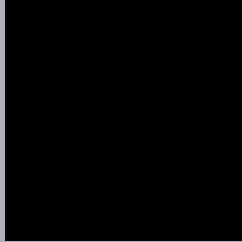
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7736, 42.9179, 55.3725

Background



This preview shows how black text looks on a background with the XYZ color 41.7736, 42.9179, 55.3725.



This preview shows how white text looks on a background with the XYZ color 41.7736, 42.9179,

55.3725.

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

41.7736, 42.9179, 55.3725

Protanopia

41.7736, 42.9179, 55.3725

Deuteranopia

43.6563, 42.7456, 55.8190



Tritanopia

41.4467, 42.7872, 53.6512

Trichromacy



Original Color

41.7736, 42.9179, 55.3725

Protanomaly

41.7736, 42.9179, 55.3725

Deuteranomaly

42.8997, 42.6349, 55.8375

Tritanomaly

41.5549, 42.8305, 54.2210

Monochromacy



Original Color

41.7736, 42.9179, 55.3725

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3497, 43.1101, 49.8578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7736, 42.9179, 55.3725 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(173, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 174, 191)  
}
```

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(173, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.7736, 42.9179, 55.3725 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(173, 174, 191) }
```


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

```
.border{ border-color:rgb(173, 174, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7736, 42.9179, 55.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 174, 191) }
```

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

```
.background{ background-color: rgb(173,  
174, 191) }
```

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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