

Converting Colors

XYZ(42.7145, 43.0871, 54.8133)

Have a look what the booklet for
XYZ(42.7145, 43.0871, 54.8133)
contains.

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Color

**XYZ(42.8282, 43.1886,
54.7941)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ADBE
RGB	179, 173, 190
RGB Percent	70%, 68%, 75%
CMY	0.2980, 0.3216, 0.2549
CMYK	0.06, 0.09, 0.00, 0.25
HSL	261°, 12%, 71%
HSV	261°, 9%, 75%
XYZ	42.8282, 43.1886, 54.7941
YIQ	176.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

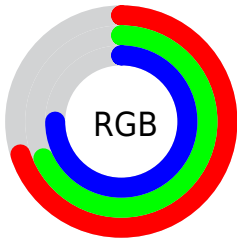
Format	Color
R_{YB}	179, 173, 190
Decimal	11775422
CIE Lab	71.68, 5.38, -7.90
CIE LCh	72, 9.563, 304.249
Yxy	43.1886, 0.3042, 0.3067
Android (android.graphics.Color)	4289965502 (0xFFB3ADBE)
YUV	176.7320, 6.5411, 1.9890
Hunter-Lab	65.7180, 1.3212, -3.4319

Details

The XYZ color **42.8282, 43.1886, 54.7941** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7252, 50.0356, 46.7853**, and the grayscale version is **41.6180, 43.7853, 47.6822**.

A 20% lighter version of the original color is **78.6389, 79.8028, 98.4475**, and **19.9569, 19.9165, 26.4593** is the 20% darker color. If you saturate the color by 10%, you get **36.7247, 35.0137, 53.5385**, and if you desaturate by 10%, it is **49.7058, 52.5340, 56.2361**.

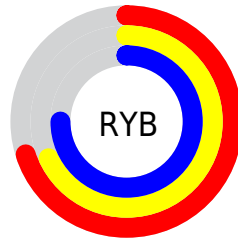
Distribution



Red (70%)

Green (68%)

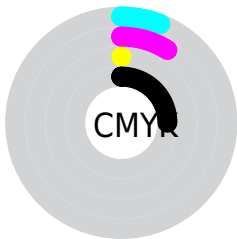
Blue (75%)



Red (70%)

Yellow (68%)

Blue (75%)

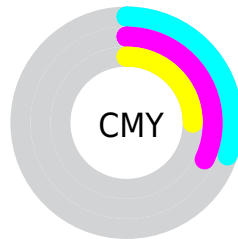


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8282, 43.1886, 54.7941 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 42.8282, 43.1886, 54.7941 by changing the saturation by 10% instead.

■ 42.8282, 43.1886,
54.7941

■ 42.8282, 43.1886,
54.7941

348.8383,
359.3868, 422.3909

■ 29.9443, 30.0331,
38.8394

■ 78.7089, 79.9954,
98.7073

■ 19.9442, 19.8637,
26.3279

102.4363,
104.4155, 127.5030

■ 12.4625, 12.2960,
16.8412

130.5090,
133.3592, 161.4160

■ 7.1339, 6.9456,
9.9606

163.2923,
167.2111, 200.8649

■ 3.5931, 3.4281,
5.2676

201.1515,
206.3553, 246.2684

■ 1.4746, 1.3591,
2.3436

244.4520,

■ 0.3085, 0.1863,

251.1765, 298.0448

0.7555

293.5591,
302.0588, 356.6128

■ 0.0000, 0.0000,
0.0000

■ 42.8282, 43.1886,
54.7941

■ 42.8282, 43.1886,
54.7941

■ 36.7247, 35.0137,
53.5385

■ 49.7058, 52.5340,
56.2361

■ 31.3632, 27.9570,
52.4590

■ 57.3806, 63.0887,
57.8689

■ 26.7147, 21.9701,
51.5485

■ 65.8792, 74.8963,
59.7001

■ 22.7470, 16.9991,
50.7981

■ 75.2260, 87.9968,
61.7361

■ 19.4250, 12.9850,
50.1984

■ 81.1541, 93.8478,
62.5530

■ 16.7103, 9.8628,
49.7388

■ 85.4825, 96.0792,
62.7556

■ 14.5599, 7.5588,
49.4074

■ 86.2944, 96.4978,
62.7935

■ 12.9242, 5.9872,
49.1903

■ 11.7233, 5.0022,
49.0634

Harmonies

Analogous

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



41.2807, 43.1886, 56.4977



42.8282, 43.1886, 54.7941



43.9205, 43.1886, 51.0098

Triad

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



42.8282, 43.1886, 54.7941



42.4182, 43.1886, 39.4365



38.0198, 43.1886, 47.6893

Complementary

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



42.8282, 43.1886, 54.7941



45.7252, 50.0356, 46.7853

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.



38.3064, 43.1886, 43.2534



42.8282, 43.1886, 54.7941



40.8191, 43.1886, 38.6752

Square

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



42.8282, 43.1886, 54.7941



43.6794, 43.1886, 42.1794



39.3207, 43.1886, 40.0274



38.5273, 43.1886, 52.2283

Rectangle

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



42.8282, 43.1886, 54.7941



44.2285, 43.1886, 47.9250



39.3207, 43.1886, 40.0274



38.0265, 43.1886, 46.1364

Sweetspot

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



42.8295, 43.1904, 54.7950



84.7881, 87.9900, 100.7941



43.6803, 46.9052, 55.4672



18.3950, 19.0176, 22.0865



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.



42.8295, 43.1904, 54.7950



75.0230, 74.7779, 98.7586



44.8430, 44.2284, 54.8893



9.3256, 9.3847, 11.9921



7.7988, 3.3065, 32.6201



0.3774, 0.1666, 1.2811

Inverse Universe

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



44.8321, 44.2970, 51.5371



79.5076, 77.2569, 91.4184



43.7607, 49.0229, 46.6933



9.7831, 9.6375, 11.2469



16.5344, 8.2449, 13.3736



0.6776, 0.3349, 0.6816

Previews

White Background



This preview shows how the XYZ color 42.8282, 43.1886, 54.7941 looks on a white background.

Color Contrast Check

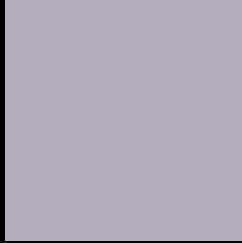
Large Text (above 18pt) WCAG AA × Fail

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 42.8282, 43.1886, 54.7941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

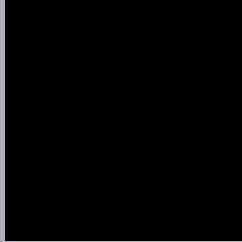
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8282, 43.1886, 54.7941

Background



This preview shows how black text looks on a background with the XYZ color 42.8282, 43.1886, 54.7941.



This preview shows how white text looks on a background with the XYZ color 42.8282, 43.1886,

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

42.8282, 43.1886, 54.7941

Protanopia

41.9956, 43.0324, 55.3829

Deuteranopia

44.1069, 43.2826, 54.7449



Tritanopia

42.5036, 43.0587, 53.0847

Trichromacy



Original Color

42.8282, 43.1886, 54.7941

Protanomaly

42.4445, 43.2638, 55.4039

Deuteranomaly

43.5752, 43.2900, 54.7743

Tritanomaly

42.6111, 43.1017, 53.6506

Monochromacy



Original Color

42.8282, 43.1886, 54.7941

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.3289, 43.8930, 50.4972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8282, 43.1886, 54.7941 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(179, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 190)  
}
```

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(179, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.8282, 43.1886, 54.7941 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(179, 173, 190) }
```


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

```
.border{ border-color:rgb(179, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8282, 43.1886, 54.7941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 190) }
```

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

```
.background{ background-color: rgb(179,  
173, 190) }
```

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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