

Converting Colors

XYZ(42.6184, 42.7443, 53.1718)

Have a look what the booklet for
XYZ(42.6184, 42.7443, 53.1718)
contains.

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Color

**XYZ(42.5446, 42.7962,
53.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ACBB
RGB	180, 172, 187
RGB Percent	71%, 67%, 73%
CMY	0.2941, 0.3255, 0.2667
CMYK	0.04, 0.08, 0.00, 0.27
HSL	272°, 10%, 70%
HSV	272°, 8%, 73%
XYZ	42.5446, 42.7962, 53.0319
YIQ	176.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

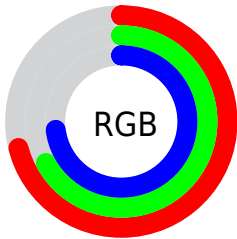
Format	Color
R _Y B	180, 172, 187
Decimal	11840699
CIE Lab	71.42, 5.68, -6.64
CIE LCh	71, 8.739, 310.554
Yxy	42.7962, 0.3075, 0.3093
Android (android.graphics.Color)	4290030779 (0xFFB4ACBB)
YUV	176.1020, 5.3727, 3.4185
Hunter-Lab	65.4188, 1.6031, -2.2704

Details

The XYZ color **42.5446, 42.7962, 53.0319** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8087, 48.1040, 46.0079**, and the grayscale version is **41.2940, 43.4445, 47.3110**.

A 20% lighter version of the original color is **78.2388, 79.2421, 95.9656**, and **19.7719, 19.6662, 25.3081** is the 20% darker color. If you saturate the color by 10%, you get **37.2651, 35.1587, 51.8366**, and if you desaturate by 10%, it is **48.4554, 51.5049, 54.4020**.

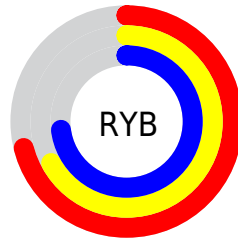
Distribution



Red (71%)

Green (67%)

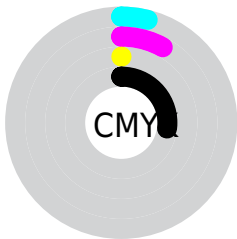
Blue (73%)



Red (71%)

Yellow (67%)

Blue (73%)

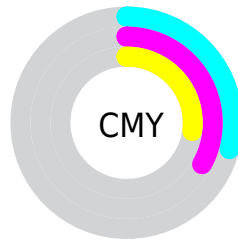


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5446, 42.7962, 53.0319 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 42.5446, 42.7962, 53.0319 by changing the saturation by 10% instead.

■ 42.5446, 42.7962,
53.0319

■ 42.5446, 42.7962,
53.0319

347.6889,
357.7730, 415.4773

■ 29.7209, 29.7252,
37.4403

■ 78.2832, 79.4032,
96.0933

■ 19.7739, 19.6301,
25.2502

101.9288,
103.7081, 124.4003

■ 12.3381, 12.1265,
16.0428

129.9125,
132.5264, 157.7828

■ 7.0482, 6.8299,
9.3998

162.5996,
166.2425, 196.6593

■ 3.5389, 3.3559,
4.9025

200.3554,
205.2408, 241.4485

■ 1.4447, 1.3203,
2.1324

243.5453,

■ 0.2877, 0.1568,

249.9057, 292.5689

0.6350

292.5347,
300.6216, 350.4390

■ 0.0000, 0.0000,
0.0000

■ 42.5446, 42.7962,
53.0319

■ 42.5446, 42.7962,
53.0319

■ 37.2651, 35.1587,
51.8366

■ 48.4554, 51.5049,
54.4020

■ 32.5900, 28.5442,
50.8063

■ 55.0155, 61.3197,
55.9507

■ 28.4958, 22.9087,
49.9343

■ 62.2471, 72.2806,
57.6852

■ 24.9562, 18.2029,
49.2126

■ 70.1697, 84.4240,
59.6115

■ 21.9423, 14.3731,
48.6322

■ 75.3592, 90.8980,
60.5876

■ 19.4225, 11.3599,
48.1834

■ 78.1285, 92.3256,
60.7172

■ 17.3611, 9.0962,
47.8551

■ 81.0386, 93.8258,
60.8534

■ 15.7170, 7.5037,
47.6344

■ 84.0915, 95.3996,
60.9963

■ 14.4273, 6.4610,
47.5011

■ 85.9698, 96.3679,
61.0842

Harmonies

Analogous

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



41.1971, 42.7962, 55.0294



42.5446, 42.7962, 53.0319



43.4042, 42.7962, 49.3488

Triad

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



42.5446, 42.7962, 53.0319



41.6261, 42.7962, 39.3646



37.9570, 42.7962, 48.0984

Complementary

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



42.5446, 42.7962, 53.0319



43.8087, 48.1040, 46.0079

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.



38.0655, 42.7962, 43.9510



42.5446, 42.7962, 53.0319



40.1603, 42.7962, 39.0746

Square

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



42.5446, 42.7962, 53.0319



42.8651, 42.7962, 41.5238



38.8639, 42.7962, 40.7063



38.5637, 42.7962, 52.0692

Rectangle

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



42.5446, 42.7962, 53.0319



43.5729, 42.7962, 46.5194



38.8639, 42.7962, 40.7063



37.9114, 42.7962, 46.6763

Sweetspot

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



42.5459, 42.7980, 53.0328



82.3975, 85.7523, 96.4104



42.1547, 44.7006, 53.4207



18.1697, 18.9200, 21.2369



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.5459, 42.7980, 53.0328



74.0792, 73.5611, 94.4957



44.1902, 43.6488, 52.9702



9.4892, 9.4690, 11.9998



9.8641, 4.3712, 32.7167



0.4612, 0.2098, 1.2850

Inverse Universe

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



43.3842, 43.3264, 48.7261



75.9709, 74.7530, 84.7964



42.2556, 47.3006, 46.0606



9.7105, 9.6085, 10.8643



15.3492, 7.7708, 7.1325



0.6343, 0.3176, 0.4534

Previews

White Background



This preview shows how the XYZ color 42.5446, 42.7962, 53.0319 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 42.5446, 42.7962, 53.0319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

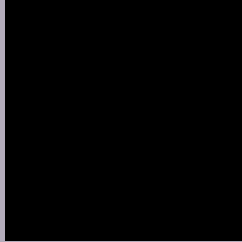
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5446, 42.7962, 53.0319

Background



This preview shows how black text looks on a background with the XYZ color 42.5446, 42.7962, 53.0319.



This preview shows how white text looks on a background with the XYZ color 42.5446, 42.7962,

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

42.5446, 42.7962, 53.0319

Protanopia

41.6687, 42.9016, 53.6616

Deuteranopia

43.5941, 42.7764, 52.9727



Tritanopia

42.4378, 42.7535, 52.4699

Trichromacy



Original Color

42.5446, 42.7962, 53.0319

Protanomaly

41.9252, 42.7481, 53.6185

Deuteranomaly

43.2997, 42.9040, 53.0129

Tritanomaly

42.4378, 42.7535, 52.4699

Monochromacy



Original Color

42.5446, 42.7962, 53.0319

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6997, 43.3023, 49.3404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5446, 42.7962, 53.0319 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(180, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 187)  
}
```

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(180, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 187) }
```

Border

The CSS property to change the border of an element to XYZ 42.5446, 42.7962, 53.0319 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(180, 172, 187) }
```


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

```
.border{ border-color:rgb(180, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5446, 42.7962, 53.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 187) }
```

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

```
.background{ background-color: rgb(180,  
172, 187) }
```

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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