

Converting Colors

XYZ(42.5556, 41.8795, 53.5533)

Have a look what the booklet for
XYZ(42.5556, 41.8795, 53.5533)
contains.

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Color

**XYZ(42.5565, 41.9519,
53.4315)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B6A9BC |
| RGB | 182, 169, 188 |
| RGB Percent | 71%, 66%, 74% |
| CMY | 0.2863, 0.3372, 0.2627 |
| CMYK | 0.03, 0.10, 0.00, 0.26 |
| HSL | 281°, 12%, 70% |
| HSV | 281°, 10%, 74% |
| XYZ | 42.5565, 41.9519, 53.4315 |
| YIQ | 175.0530, 1.6490, 8.6650 |

Conversions

Conversions Part 2

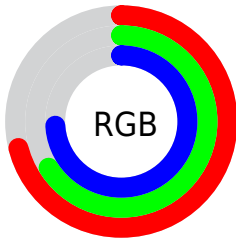
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 182, 169, 188 |
| Decimal | 11971004 |
| CIE Lab | 70.84, 8.21, -8.03 |
| CIE LCh | 71, 11.487, 315.635 |
| Yxy | 41.9519, 0.3085, 0.3041 |
| Android (android.graphics.Color) | 4290161084 (0xFFB6A9BC) |
| YUV | 175.0530, 6.3829, 6.0925 |
| Hunter-Lab | 64.7703, 3.9332, -3.5714 |

Details

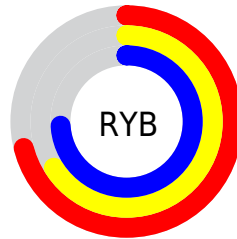
The XYZ color **42.5565, 41.9519, 53.4315** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8254, 47.9461, 44.5356**, and the grayscale version is **40.7435, 42.8653, 46.6803**.

A 20% lighter version of the original color is **78.2447, 78.0201, 96.5234**, and **19.7877, 19.1390, 25.5729** is the 20% darker color. If you saturate the color by 10%, you get **37.9351, 34.7464, 52.2849**, and if you desaturate by 10%, it is **47.7427, 50.1975, 54.7503**.

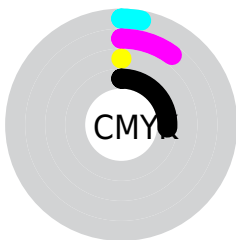
Distribution



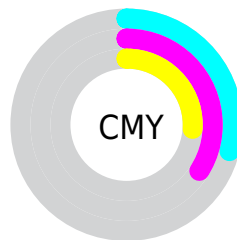
- Red (71%)
- Green (66%)
- Blue (74%)



- Red (71%)
- Yellow (66%)
- Blue (74%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5565, 41.9519, 53.4315 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 42.5565, 41.9519, 53.4315 by changing the saturation by 10% instead.

■ 42.5565, 41.9519,
53.4315

■ 42.5565, 41.9519,
53.4315

347.7372,
354.2835, 417.0516

■ 29.7303, 29.0636,
37.7573

■ 78.3011, 78.1268,
96.6870

■ 19.7810, 19.1290,
25.4940

■ 101.9501,
102.1823, 125.1053

■ 12.3433, 11.7635,
16.2231

129.9376,
130.7289, 158.6088

■ 7.0518, 6.5828,
9.5261

162.6287,
164.1511, 197.6159

■ 3.5411, 3.2026,
4.9844

200.3888,
202.8332, 242.5451

■ 1.4460, 1.2384,
2.1795

243.5834,

■ 0.2886, 0.0927,

247.1598, 293.8152

0.6625

292.5777,
297.5151, 351.8445

■ 0.0000, 0.0000,
0.0000

■ 42.5565, 41.9519,
53.4315

■ 42.5565, 41.9519,
53.4315

■ 37.9351, 34.7464,
52.2849

■ 47.7427, 50.1975,
54.7503

■ 33.8528, 28.5324,
51.3006

■ 53.5108, 59.5182,
56.2454

■ 30.2871, 23.2656,
50.4720

■ 59.8818, 69.9542,
57.9240

■ 27.2125, 18.8961,
49.7906

■ 66.8743, 81.5419,
59.7921

■ 24.6012, 15.3692,
49.2475

■ 71.8991, 89.1018,
60.9865

■ 22.4223, 12.6245,
48.8326

■ 73.6392, 89.9989,
61.0679

■ 20.6406, 10.5929,
48.5343

■ 75.4429, 90.9287,
61.1523

■ 19.2150, 9.1929,
48.3392

■ 77.3108, 91.8916,
61.2397

■ 18.0736, 8.2687,
48.2210

■ 79.2435, 92.8880,
61.3302

Harmonies

Analogous

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



40.8716, 41.9519, 56.5698



42.5565, 41.9519, 53.4315



43.5371, 41.9519, 48.3369

Triad

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



42.5565, 41.9519, 53.4315



40.7918, 41.9519, 36.2316



36.4422, 41.9519, 48.5710

Complementary

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



42.5565, 41.9519, 53.4315



42.8254, 47.9461, 44.5356

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.



36.4224, 41.9519, 43.1193



42.5565, 41.9519, 53.4315



38.8928, 41.9519, 36.2833

Square

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



42.5565, 41.9519, 53.4315



42.4965, 41.9519, 38.5669



37.3067, 41.9519, 38.7143



37.3618, 41.9519, 53.6146

Rectangle

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



42.5565, 41.9519, 53.4315



43.6401, 41.9519, 44.6539



37.3067, 41.9519, 38.7143



36.3311, 41.9519, 46.7186

Sweetspot

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



42.5577, 41.9537, 53.4324



83.6504, 86.3755, 98.4895



40.7742, 42.7341, 53.6771



17.8225, 18.3098, 21.1374



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.



42.5577, 41.9537, 53.4324



75.2931, 73.1487, 96.3769



43.6343, 42.5515, 51.5463



9.6289, 9.5411, 12.0063



12.3849, 5.6707, 32.8347



0.5500, 0.2556, 1.2892

Inverse Universe

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



42.6663, 42.1644, 46.4493



75.5449, 73.6136, 81.2482



41.8399, 47.3997, 46.2193



9.6510, 9.5847, 10.5511



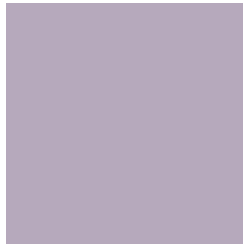
14.6945, 7.5090, 3.6848



0.6060, 0.3063, 0.3047

Previews

White Background



This preview shows how the XYZ color 42.5565, 41.9519, 53.4315 looks on a white background.

Color Contrast Check

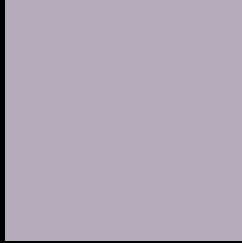
Large Text (above 18pt) WCAG AA × Fail

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 42.5565, 41.9519, 53.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

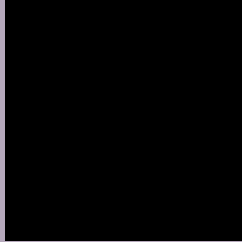
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5565, 41.9519, 53.4315

Background



This preview shows how black text looks on a background with the XYZ color 42.5565, 41.9519, 53.4315.



This preview shows how white text looks on a background with the XYZ color 42.5565, 41.9519,

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

42.5565, 41.9519, 53.4315

Protanopia

41.0600, 41.9934, 54.6566

Deuteranopia

42.6082, 41.7034, 53.3808



Tritanopia

41.9780, 41.9921, 50.6926

Trichromacy



Original Color

42.5565, 41.9519, 53.4315

Protanomaly

41.6527, 42.0300, 54.0614

Deuteranomaly

42.6082, 41.7034, 53.3808

Tritanomaly

42.1877, 42.0760, 51.7969

Monochromacy



Original Color

42.5565, 41.9519, 53.4315

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5419, 42.6474, 49.2223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5565, 41.9519, 53.4315 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(182, 169, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 169, 188)  
}
```

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(182, 169, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 169, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.5565, 41.9519, 53.4315 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(182, 169, 188) }
```


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

```
.border{ border-color:rgb(182, 169, 188) }
```

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

Here you see how a box with a 4 pixel rgb(182, 169, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 169, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 169, 188);  
box-shadow:4px 4px 4px 4px rgb(182, 169,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5565, 41.9519, 53.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 169, 188) }
```

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

```
.background{ background-color: rgb(182,  
169, 188) }
```

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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