

Converting Colors

XYZ(42.3985, 42.6342, 54.1077)

Have a look what the booklet for
XYZ(42.3985, 42.6342, 54.1077)
contains.

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Color

**XYZ(42.5282, 42.7629,
54.1567)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ACBD
RGB	179, 172, 189
RGB Percent	70%, 67%, 74%
CMY	0.2980, 0.3255, 0.2588
CMYK	0.05, 0.09, 0.00, 0.26
HSL	265°, 11%, 71%
HSV	265°, 9%, 74%
XYZ	42.5282, 42.7629, 54.1567
YIQ	176.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

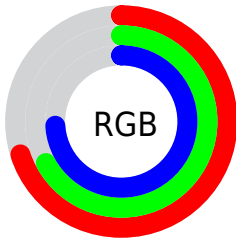
Format	Color
R _Y B	179, 172, 189
Decimal	11775165
CIE Lab	71.39, 5.73, -7.78
CIE LCh	71, 9.666, 306.361
Yxy	42.7629, 0.3050, 0.3067
Android (android.graphics.Color)	4289965245 (0xFFB3ACBD)
YUV	176.0310, 6.3937, 2.6038
Hunter-Lab	65.3933, 1.6481, -3.3268

Details

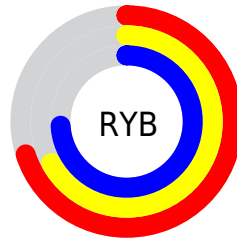
The XYZ color **42.5282, 42.7629, 54.1567** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9371, 49.3200, 46.1832**, and the grayscale version is **41.2523, 43.4006, 47.2632**.

A 20% lighter version of the original color is **78.2115, 79.1929, 97.5498**, and **19.7646, 19.6461, 26.0429** is the 20% darker color. If you saturate the color by 10%, you get **36.7169, 34.8026, 52.9271**, and if you desaturate by 10%, it is **49.0608, 51.8569, 55.5684**.

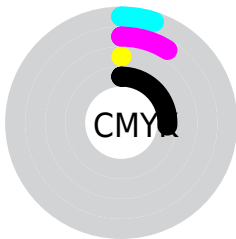
Distribution



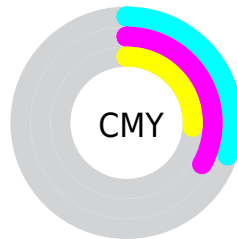
- Red (70%)
- Green (67%)
- Blue (74%)



- Red (70%)
- Yellow (67%)
- Blue (74%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (33%)
- Yellow (26%)
- Black (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5282, 42.7629, 54.1567 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 42.5282, 42.7629, 54.1567 by changing the saturation by 10% instead.

■ 42.5282, 42.7629,
54.1567

■ 42.5282, 42.7629,
54.1567

347.6224,
357.6358, 419.8988

■ 29.7080, 29.6991,
38.3329

■ 78.2586, 79.3529,
97.7630

■ 19.7640, 19.6103,
25.9373

101.8995,
103.6480, 126.3826

■ 12.3309, 12.1121,
16.5514

129.8780,
132.4556, 160.1046

■ 7.0433, 6.8201,
9.7566

162.5595,
166.1602, 199.3475

■ 3.5357, 3.3498,
5.1344

200.3093,
205.1461, 244.5298

■ 1.4430, 1.3170,
2.2662

243.4929,

■ 0.2865, 0.1543,

249.7977, 296.0701

0.7122

292.4754,
300.4995, 354.3869

■ 0.0000, 0.0000,
0.0000

■ 42.5282, 42.7629,
54.1567

■ 42.5282, 42.7629,
54.1567

■ 36.7169, 34.8026,
52.9271

■ 49.0608, 51.8569,
55.5684

■ 31.5969, 27.9250,
51.8695

■ 56.3360, 62.1218,
57.1663

■ 27.1414, 22.0833,
50.9768

■ 64.3785, 73.6002,
58.9579

■ 23.3202, 17.2251,
50.2404

■ 73.2111, 86.3306,
60.9496

■ 20.1007, 13.2934,
49.6512

■ 79.0745, 92.7884,
61.8870

■ 17.4472, 10.2248,
49.1988

■ 82.8533, 94.7364,
62.0639

■ 15.3193, 7.9479,
48.8715

■ 86.1854, 96.4542,
62.2198

■ 13.6706, 6.3791,
48.6555

■ 12.4241, 5.3745,
48.5273

Harmonies

Analogous

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



40.9925, 42.7629, 56.0468



42.5282, 42.7629, 54.1567



43.5790, 42.7629, 50.2477

Triad

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



42.5282, 42.7629, 54.1567



41.9124, 42.7629, 38.8257



37.6139, 42.7629, 47.5614

Complementary

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



42.5282, 42.7629, 54.1567



44.9371, 49.3200, 46.1832

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.



37.8454, 42.7629, 43.0602



42.5282, 42.7629, 54.1567



40.2992, 42.7629, 38.2117

Square

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



42.5282, 42.7629, 54.1567



43.2169, 42.7629, 41.4485



38.8179, 42.7629, 39.7119



38.1769, 42.7629, 52.0787

Rectangle

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



42.5282, 42.7629, 54.1567



43.8480, 42.7629, 47.1326



38.8179, 42.7629, 39.7119



37.6016, 42.7629, 45.9951

Sweetspot

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



42.5295, 42.7647, 54.1576



82.9654, 86.0224, 98.4574



42.9691, 45.9842, 54.7559



17.6371, 18.2142, 21.1287



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.



42.5295, 42.7647, 54.1576



73.7885, 73.3078, 96.4869



44.5061, 43.7837, 54.2501



9.3785, 9.4120, 11.9946



8.3656, 3.5987, 32.6466



0.4022, 0.1794, 1.2823

Inverse Universe

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



44.1838, 43.7032, 50.3652



77.4350, 75.3771, 88.0954



43.0343, 48.3391, 46.0941



9.7592, 9.6280, 11.1212



16.0968, 8.0699, 11.0692



0.6623, 0.3288, 0.6010

Previews

White Background



This preview shows how the XYZ color 42.5282, 42.7629, 54.1567 looks on a white background.

Color Contrast Check

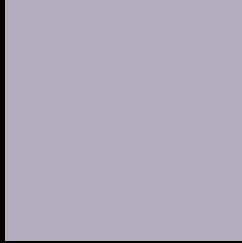
Large Text (above 18pt) WCAG AA × Fail

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 42.5282, 42.7629, 54.1567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

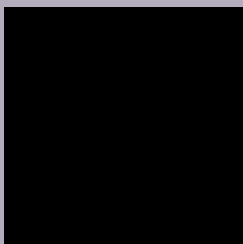
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

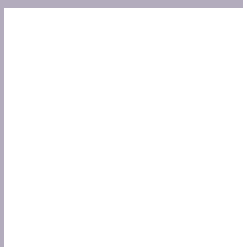
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5282, 42.7629, 54.1567

Background



This preview shows how black text looks on a background with the XYZ color 42.5282, 42.7629, 54.1567.



This preview shows how white text looks on a background with the XYZ color 42.5282, 42.7629,

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

42.5282, 42.7629, 54.1567

Protanopia

41.6639, 42.8740, 54.7948

Deuteranopia

43.5676, 42.7379, 54.0971



Tritanopia

42.2059, 42.6339, 52.4591

Trichromacy



Original Color

42.5282, 42.7629, 54.1567

Protanomaly

41.9170, 42.7188, 54.7515

Deuteranomaly

43.2767, 42.8672, 54.1374

Tritanomaly

42.3126, 42.6766, 53.0210

Monochromacy



Original Color

42.5282, 42.7629, 54.1567

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8019, 43.3433, 49.8789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5282, 42.7629, 54.1567 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, 172, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 189)  
}
```

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, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.5282, 42.7629, 54.1567 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, 172, 189) }
```


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

```
.border{ border-color:rgb(179, 172, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 172, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5282, 42.7629, 54.1567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 189) }
```

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

```
.background{ background-color: rgb(179,  
172, 189) }
```

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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