

Converting Colors

XYZ(41.9377, 42.1158, 53.9397)

Have a look what the booklet for
XYZ(41.9377, 42.1158, 53.9397)
contains.

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Color

**XYZ(42.1083, 42.2649,
54.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	B2ABBD
RGB	178, 171, 189
RGB Percent	70%, 67%, 74%
CMY	0.3020, 0.3294, 0.2588
CMYK	0.06, 0.10, 0.00, 0.26
HSL	263°, 12%, 71%
HSV	263°, 10%, 74%
XYZ	42.1083, 42.2649, 54.0827
YIQ	175.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

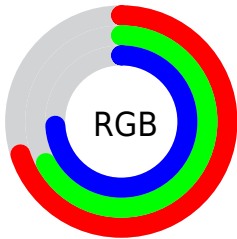
Format	Color
R _Y B	178, 171, 189
Decimal	11709373
CIE Lab	71.05, 5.94, -8.30
CIE LCh	71, 10.203, 305.575
Yxy	42.2649, 0.3041, 0.3053
Android (android.graphics.Color)	4289899453 (0xFFB2ABBD)
YUV	175.1450, 6.8305, 2.5038
Hunter-Lab	65.0115, 1.8454, -3.8150

Details

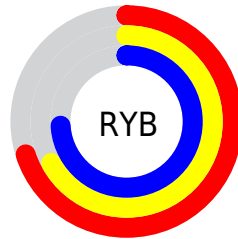
The XYZ color **42.1083, 42.2649, 54.0827** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8412, 49.2817, 45.6791**, and the grayscale version is **40.7900, 42.9142, 46.7336**.

A 20% lighter version of the original color is **77.6095, 78.4777, 97.4435**, and **19.4982, 19.3312, 25.9962** is the 20% darker color. If you saturate the color by 10%, you get **36.2509, 34.3201, 52.8586**, and if you desaturate by 10%, it is **48.7019, 51.3493, 55.4893**.

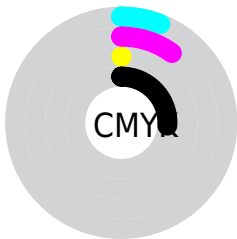
Distribution



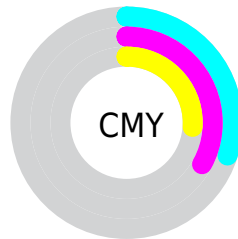
- Red (70%)
- Green (67%)
- Blue (74%)



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



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1083, 42.2649, 54.0827 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 42.1083, 42.2649, 54.0827 by changing the saturation by 10% instead.

■ 42.1083, 42.2649,
54.0827

■ 42.1083, 42.2649,
54.0827

345.9157,
355.5799, 419.6088

■ 29.3776, 29.3088,
38.2742

■ 77.6276, 78.6004,
97.6533

■ 19.5124, 19.3145,
25.8921

101.1470,
102.7485, 126.2524

■ 12.1473, 11.8978,
16.5179

128.9932,
131.3961, 159.9521

■ 6.9170, 6.6741,
9.7330

161.5318,
164.9276, 199.1710

■ 3.4561, 3.2591,
5.1190

199.1279,
203.7273, 244.3276

■ 1.3993, 1.2685,
2.2573

242.1470,

■ 0.2557, 0.1166,

248.1797, 295.8404

0.7072

290.9545,
298.6690, 354.1280

■ 0.0000, 0.0000,
0.0000

■ 42.1083, 42.2649,
54.0827

■ 42.1083, 42.2649,
54.0827

■ 36.2509, 34.3201,
52.8586

■ 48.7019, 51.3493,
55.4893

■ 31.0989, 27.4636,
51.8067

■ 56.0535, 61.6112,
57.0826

■ 26.6248, 21.6481,
50.9200

■ 64.1886, 73.0933,
58.8701

■ 22.7978, 16.8205,
50.1899

■ 73.1304, 85.8347,
60.8581

■ 19.5842, 12.9232,
49.6070

■ 79.4578, 92.9859,
61.9050

■ 16.9473, 9.8921,
49.1609

■ 83.4131, 95.0250,
62.0901

■ 14.8459, 7.6549,
48.8398

■ 86.1854, 96.4542,
62.2198

■ 13.2321, 6.1265,
48.6299

■ 12.0221, 5.1511,
48.5054

Harmonies

Analogous

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



40.4907, 42.2649, 56.0064



42.1083, 42.2649, 54.0827



43.2298, 42.2649, 50.0103

Triad

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



42.1083, 42.2649, 54.0827



41.5419, 42.2649, 37.9921



36.9974, 42.2649, 46.9370

Complementary

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



42.1083, 42.2649, 54.0827



44.8412, 49.2817, 45.6791

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.



37.2610, 42.2649, 42.2465



42.1083, 42.2649, 54.0827



39.8540, 42.2649, 37.2962

Square

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



42.1083, 42.2649, 54.0827



42.8963, 42.2649, 40.7724



38.2951, 42.2649, 38.8000



37.5646, 42.2649, 51.6980

Rectangle

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



42.1083, 42.2649, 54.0827



43.5282, 42.2649, 46.7473



38.2951, 42.2649, 38.8000



36.9920, 42.2649, 45.2989

Sweetspot

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



42.1095, 42.2667, 54.0836



82.9083, 85.9929, 98.4548



42.7298, 45.8304, 54.7388



17.6217, 18.2063, 21.1280



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.



42.1095, 42.2667, 54.0836



73.5926, 73.2067, 96.4778



44.2185, 43.3539, 54.1823



9.3579, 9.4014, 11.9936



8.1337, 3.4791, 32.6357



0.3923, 0.1743, 1.2818

Inverse Universe

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



43.9941, 43.3239, 50.3016



77.5235, 75.4125, 88.5610



42.8055, 48.2322, 45.5838



9.7685, 9.6317, 11.1699



16.2607, 8.1354, 11.9323



0.6681, 0.3311, 0.6316

Previews

White Background



This preview shows how the XYZ color 42.1083, 42.2649, 54.0827 looks on a white background.

Color Contrast Check

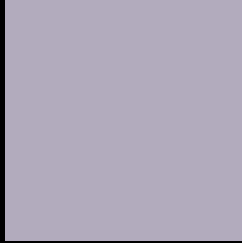
Large Text (above 18pt) WCAG AA × Fail

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 42.1083, 42.2649, 54.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

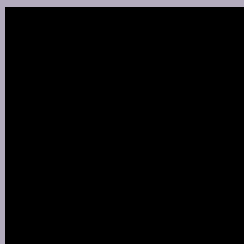
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1083, 42.2649, 54.0827

Background



This preview shows how black text looks on a background with the XYZ color 42.1083, 42.2649, 54.0827.



This preview shows how white text looks on a background with the XYZ color 42.1083, 42.2649,

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

42.1083, 42.2649, 54.0827

Protanopia

41.2511, 42.3755, 54.7203

Deuteranopia

43.1404, 42.2404, 54.0236



Tritanopia

41.6409, 42.3549, 51.8795

Trichromacy



Original Color

42.1083, 42.2649, 54.0827

Protanomaly

41.5023, 42.2214, 54.6773

Deuteranomaly

42.8514, 42.3687, 54.0636

Tritanomaly

41.7469, 42.3973, 52.4376

Monochromacy



Original Color

42.1083, 42.2649, 54.0827

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2788, 42.7975, 49.2651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1083, 42.2649, 54.0827 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(178, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 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(178, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.1083, 42.2649, 54.0827 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(178, 171, 189) }
```


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

```
.border{ border-color:rgb(178, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1083, 42.2649, 54.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 189) }
```

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

```
.background{ background-color: rgb(178,  
171, 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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