

Converting Colors

XYZ(42.6291, 44.4249, 51.4720)

Have a look what the booklet for
XYZ(42.6291, 44.4249, 51.4720)
contains.

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Color

**XYZ(42.5053, 44.2521,
51.6486)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B1B8
RGB	177, 177, 184
RGB Percent	69%, 69%, 72%
CMY	0.3059, 0.3059, 0.2784
CMYK	0.04, 0.04, 0.00, 0.28
HSL	240°, 5%, 71%
HSV	240°, 4%, 72%
XYZ	42.5053, 44.2521, 51.6486
YIQ	177.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

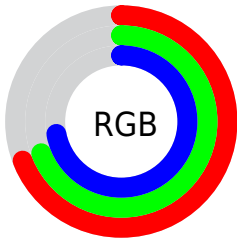
Format	Color
RYB	177, 177, 184
Decimal	11645368
CIELab	72.40, 1.34, -3.57
CIELCh	72, 3.813, 290.562
Yxy	44.2521, 0.3071, 0.3197
Android (android.graphics.Color)	4289835448 (0xFFB1B1B8)
YUV	177.7980, 3.0576, -0.6998
Hunter-Lab	66.5223, -2.3589, 0.5322

Details

The XYZ color **42.5053, 44.2521, 51.6486** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8434, 47.6450, 48.4285**, and the grayscale version is **42.1964, 44.3939, 48.3450**.

A 20% lighter version of the original color is **78.4714, 81.8927, 94.1091**, and **19.6166, 20.3391, 24.3647** is the 20% darker color. If you saturate the color by 10%, you get **35.2026, 35.4542, 50.3360**, and if you desaturate by 10%, it is **50.8653, 54.3243, 53.1528**.

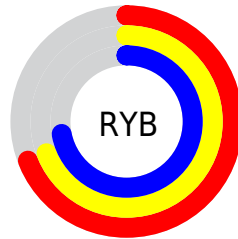
Distribution



Red (69%)

Green (69%)

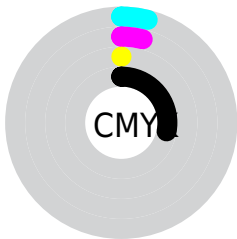
Blue (72%)



Red (69%)

Yellow (69%)

Blue (72%)

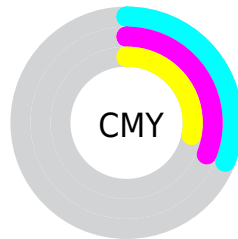


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5053, 44.2521, 51.6486 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 42.5053, 44.2521, 51.6486 by changing the saturation by 10% instead.

■ 42.5053, 44.2521,
51.6486

■ 42.5053, 44.2521,
51.6486

347.5294,
363.7360, 409.9968

■ 29.6900, 30.8687,
36.3447

■ 78.2242, 81.5970,
94.0341

■ 19.7503, 20.4989,
24.4088

101.8585,
106.3273, 121.9528

■ 12.3209, 12.7582,
15.4221

129.8298,
135.6087, 154.9136

■ 7.0364, 7.2623,
8.9663

162.5035,
169.8256, 193.3349

■ 3.5314, 3.6267,
4.6227

200.2450,
209.3623, 237.6353

■ 1.4406, 1.4670,
1.9728

243.4196,

■ 0.2849, 0.2653,

254.6034, 288.2334

0.5385

292.3926,
305.9332, 345.5477

■ 0.0000, 0.0000,
0.0000

■ 42.5053, 44.2521,
51.6486

■ 42.5053, 44.2521,
51.6486

■ 35.2026, 35.4542,
50.3360

■ 50.8653, 54.3243,
53.1528

■ 28.9114, 27.8745,
49.2045

■ 60.3184, 65.7128,
54.8528

■ 23.5883, 21.4610,
48.2472

■ 70.9032, 78.4646,
56.7562

■ 19.1853, 16.1558,
47.4552

■ 82.6555, 92.6228,
58.8696

■ 15.6503, 11.8963,
46.8194

■ 85.6519, 96.2407,
59.4100

■ 12.9259, 8.6133,
46.3293

■ 10.9480, 6.2294,
45.9734

■ 9.6425, 4.6558,
45.7385

■ 8.9205, 3.7851,
45.6085

Harmonies

Analogous

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



41.8536, 44.2521, 51.8388



42.5053, 44.2521, 51.6486



43.0430, 44.2521, 50.5168

Triad

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



42.5053, 44.2521, 51.6486



42.8675, 44.2521, 45.4439



40.8270, 44.2521, 47.5925

Complementary

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



42.5053, 44.2521, 51.6486



44.8434, 47.6450, 48.4285

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.



41.0927, 44.2521, 45.9222



42.5053, 44.2521, 51.6486



42.2677, 44.2521, 44.7032

Square

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



42.5053, 44.2521, 51.6486



43.2536, 44.2521, 46.9241



41.6184, 44.2521, 44.8760



40.8892, 44.2521, 49.4642

Rectangle

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



42.5053, 44.2521, 51.6486



43.2622, 44.2521, 49.3965



41.6184, 44.2521, 44.8760



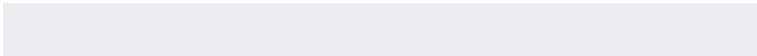
40.8809, 44.2521, 46.9896

Sweetspot

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



42.5066, 44.2540, 51.6496



81.0823, 85.0748, 94.3522



43.9121, 47.0846, 52.0578



17.4966, 18.3607, 20.3434



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.5066, 44.2540, 51.6496



75.2548, 78.0540, 93.3042



43.2863, 44.6550, 51.6859



9.1391, 9.4642, 11.4245



5.9635, 2.3866, 31.3994



0.2103, 0.0844, 1.1069

Inverse Universe

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



43.4261, 44.8097, 47.9576



77.4633, 79.3888, 84.4363



44.0432, 47.2334, 48.3912



9.4364, 9.6440, 10.2306



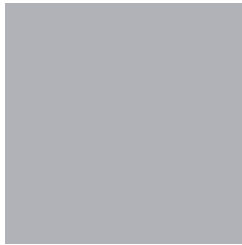
13.6238, 7.0233, 0.6396



0.4803, 0.2476, 0.0228

Previews

White Background



This preview shows how the XYZ color 42.5053, 44.2521, 51.6486 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 42.5053, 44.2521, 51.6486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

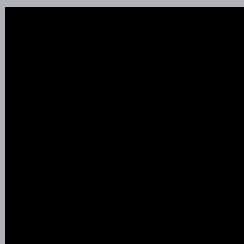
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

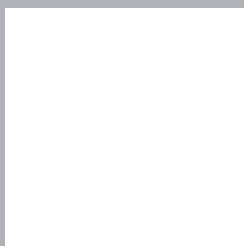
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5053, 44.2521, 51.6486

Background



This preview shows how black text looks on a background with the XYZ color 42.5053, 44.2521, 51.6486.



This preview shows how white text looks on a background with the XYZ color 42.5053, 44.2521,

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

42.5053, 44.2521, 51.6486

Protanopia

42.7675, 44.0951, 51.6045

Deuteranopia

44.9953, 44.0842, 52.0365



Tritanopia

43.1797, 44.2334, 54.9773

Trichromacy



Original Color

42.5053, 44.2521, 51.6486

Protanomaly

42.5372, 43.9763, 51.5937

Deuteranomaly

44.1427, 44.2140, 52.1065

Tritanomaly

42.9625, 44.1465, 53.8337

Monochromacy



Original Color

42.5053, 44.2521, 51.6486

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.5187, 44.6011, 49.5479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5053, 44.2521, 51.6486 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(177, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 184)  
}
```

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(177, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.5053, 44.2521, 51.6486 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(177, 177, 184) }
```


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

```
.border{ border-color:rgb(177, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5053, 44.2521, 51.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 184) }
```

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

```
.background{ background-color: rgb(177,  
177, 184) }
```

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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