

Converting Colors

XYZ(42.0822, 44.2477, 51.5000)

Have a look what the booklet for
XYZ(42.0822, 44.2477, 51.5000)
contains.

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Color

**XYZ(42.2513, 44.4154,
51.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB2B8
RGB	175, 178, 184
RGB Percent	69%, 70%, 72%
CMY	0.3137, 0.3019, 0.2784
CMYK	0.05, 0.03, 0.00, 0.28
HSL	220°, 6%, 70%
HSV	220°, 5%, 72%
XYZ	42.2513, 44.4154, 51.6936
YIQ	177.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

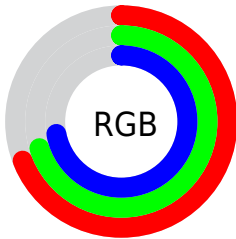
Format	Color
RYB	175, 177, 184
Decimal	11514552
CIELab	72.51, 0.11, -3.43
CIELCh	73, 3.429, 271.801
Yxy	44.4154, 0.3054, 0.3210
Android (android.graphics.Color)	4289704632 (0xFFAFB2B8)
YUV	177.7870, 3.0630, -2.4442
Hunter-Lab	66.6449, -3.4637, 0.6627

Details

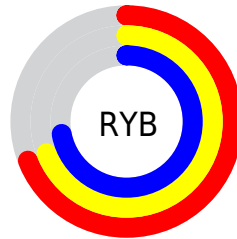
The XYZ color **42.2513, 44.4154, 51.6936** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0291, 46.3329, 47.1807**, and the grayscale version is **42.1911, 44.3883, 48.3389**.

A 20% lighter version of the original color is **78.1060, 82.1258, 94.1733**, and **19.5987, 20.5169, 24.3999** is the 20% darker color. If you saturate the color by 10%, you get **36.0684, 37.7679, 50.7371**, and if you desaturate by 10%, it is **49.2176, 51.7929, 52.7511**.

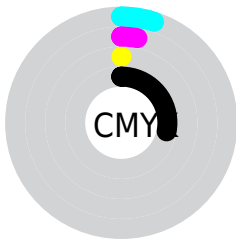
Distribution



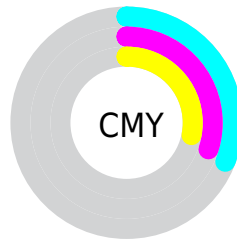
- Red (69%)
- Green (70%)
- Blue (72%)



- Red (69%)
- Yellow (69%)
- Blue (72%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2513, 44.4154, 51.6936 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 42.2513, 44.4154, 51.6936 by changing the saturation by 10% instead.

■ 42.2513, 44.4154,
51.6936

■ 42.2513, 44.4154,
51.6936

346.4975,
364.4007, 410.1758

■ 29.4901, 30.9972,
36.3803

■ 77.8426, 81.8425,
94.1012

■ 19.5980, 20.5967,
24.4361

101.4034,
106.6201, 122.0326

■ 12.2097, 12.8295,
15.4422

129.2947,
135.9530, 155.0071

■ 6.9599, 7.3113,
8.9803

161.8820,
170.2257, 193.4434

■ 3.4831, 3.6575,
4.6317

199.5306,
209.8223, 237.7598

■ 1.4141, 1.4839,
1.9779

242.6058,

■ 0.2662, 0.2773,

255.1275, 288.3750

0.5416

291.4730,
306.5255, 345.7075

■ 0.0000, 0.0000,
0.0000

■ 42.2513, 44.4154,
51.6936

■ 42.2513, 44.4154,
51.6936

■ 36.0684, 37.7679,
50.7371

■ 49.2176, 51.7929,
52.7511

■ 30.6367, 31.8217,
49.8756

■ 56.9903, 59.9168,
53.9095

■ 25.9275, 26.5545,
49.1071

■ 65.5961, 68.8098,
55.1725

■ 21.9086, 21.9406,
48.4284

■ 75.0594, 78.4921,
56.5426

■ 18.5454, 17.9522,
47.8358

■ 80.8491, 86.6352,
57.8092

■ 15.8000, 14.5599,
47.3257

■ 84.5676, 94.0722,
59.0487

■ 13.6301, 11.7312,
46.8941

■ 85.6519, 96.2407,
59.4101

■ 11.9878, 9.4298,
46.5364

■ 10.8158, 7.6140,
46.2477

Harmonies

Analogous

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



41.6798, 44.4154, 51.2918



42.2513, 44.4154, 51.6936



42.8183, 44.4154, 51.1852

Triad

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



42.2513, 44.4154, 51.6936



43.1905, 44.4154, 46.6628



41.2200, 44.4154, 46.8364

Complementary

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



42.2513, 44.4154, 51.6936



44.0291, 46.3329, 47.1807

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.



41.6184, 44.4154, 45.6423



42.2513, 44.4154, 51.6936



42.7558, 44.4154, 45.5437

Square

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



42.2513, 44.4154, 51.6936



43.3637, 44.4154, 48.2584



42.1797, 44.4154, 45.1745



41.0877, 44.4154, 48.4634

Rectangle

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



42.2513, 44.4154, 51.6936



43.1166, 44.4154, 50.4053



42.1797, 44.4154, 45.1745



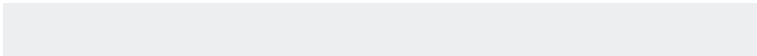
41.3271, 44.4154, 46.3724

Sweetspot

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



42.2526, 44.4173, 51.6946



81.3144, 85.5391, 94.4296



43.1455, 46.7257, 50.3811



17.5440, 18.4556, 20.3592



88.6918, 93.3107, 101.6153



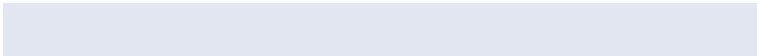
17.8044, 18.7317, 20.3988

Same Dimension

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



42.2526, 44.4173, 51.6946



75.1634, 78.9906, 93.4898



41.9662, 43.3923, 51.5118



9.1537, 9.6186, 11.4536



7.1861, 4.8320, 31.8070



0.3118, 0.2872, 1.1408

Inverse Universe

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



43.1340, 44.0655, 48.3537



77.1440, 78.2150, 85.9798



44.3244, 47.4013, 47.3714



9.4132, 9.5177, 10.4691



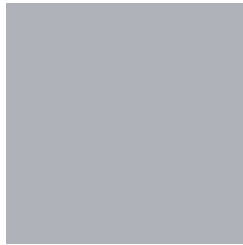
14.2409, 7.2701, 3.8895



0.5315, 0.2681, 0.2925

Previews

White Background



This preview shows how the XYZ color 42.2513, 44.4154, 51.6936 looks on a white background.

Color Contrast Check

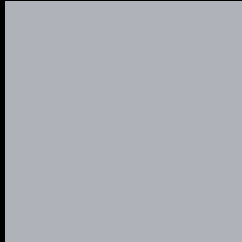
Large Text (above 18pt) WCAG AA × Fail

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 42.2513, 44.4154, 51.6936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

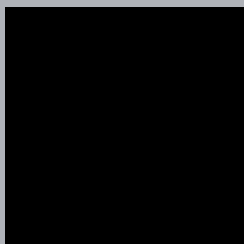
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2513, 44.4154, 51.6936

Background



This preview shows how black text looks on a background with the XYZ color 42.2513, 44.4154, 51.6936.

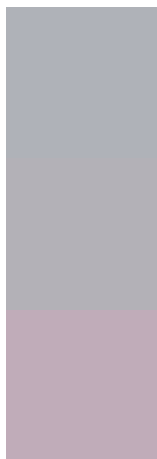


This preview shows how white text looks on a background with the XYZ color 42.2513, 44.4154,

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

42.2513, 44.4154, 51.6936

Protanopia

42.8598, 44.4469, 51.1199

Deuteranopia

45.2477, 44.2143, 52.0483



Tritanopia

43.0306, 44.4360, 55.5993

Trichromacy



Original Color

42.2513, 44.4154, 51.6936

Protanomaly

42.6295, 44.3282, 51.1091

Deuteranomaly

44.1427, 44.2140, 52.1065

Tritanomaly

42.7037, 44.3052, 53.8780

Monochromacy



Original Color

42.2513, 44.4154, 51.6936

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2901, 44.4832, 49.5372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2513, 44.4154, 51.6936 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(175, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 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(175, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.2513, 44.4154, 51.6936 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(175, 178, 184) }
```


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

```
.border{ border-color:rgb(175, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2513, 44.4154, 51.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 184) }
```

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

```
.background{ background-color: rgb(175,  
178, 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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