

Converting Colors

XYZ(42.5425, 45.8354, 52.5653)

Have a look what the booklet for
XYZ(42.5425, 45.8354, 52.5653)
contains.

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Color

**XYZ(42.4982, 45.7293,
52.4857)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB6B9
RGB	172, 182, 185
RGB Percent	67%, 71%, 73%
CMY	0.3255, 0.2863, 0.2745
CMYK	0.07, 0.02, 0.00, 0.27
HSL	194°, 8%, 70%
HSV	194°, 7%, 73%
XYZ	42.4982, 45.7293, 52.4857
YIQ	179.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

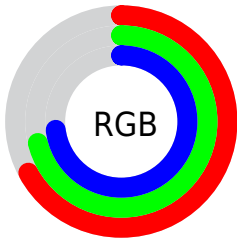
Format	Color
RYB	172, 178, 185
Decimal	11318969
CIELab	73.37, -2.88, -2.73
CIELCh	73, 3.965, 223.518
Yxy	45.7293, 0.3020, 0.3250
Android (android.graphics.Color)	4289509049 (0xFFACB6B9)
YUV	179.3520, 2.7845, -6.4477
Hunter-Lab	67.6234, -6.1620, 1.3187

Details

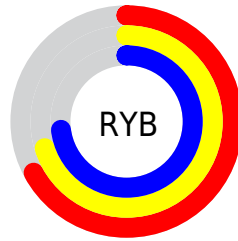
The XYZ color **42.4982, 45.7293, 52.4857** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.7843, 43.9527, 45.2594**, and the grayscale version is **43.0248, 45.2655, 49.2941**.

A 20% lighter version of the original color is **78.1303, 83.8308, 95.2822**, and **19.7608, 21.3595, 24.9111** is the 20% darker color. If you saturate the color by 10%, you get **37.8573, 42.0609, 52.0229**, and if you desaturate by 10%, it is **47.7336, 49.7462, 52.9858**.

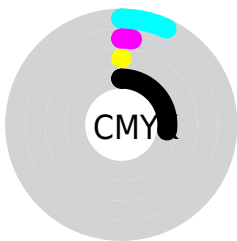
Distribution



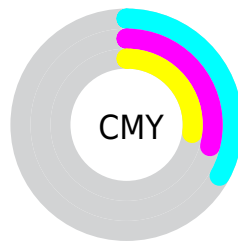
- Red (67%)
- Green (71%)
- Blue (73%)



- Red (67%)
- Yellow (70%)
- Blue (73%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4982, 45.7293, 52.4857 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 42.4982, 45.7293, 52.4857 by changing the saturation by 10% instead.

■ 42.4982, 45.7293,
52.4857

■ 42.4982, 45.7293,
52.4857

347.5006,
369.7193, 413.3190

■ 29.6844, 32.0323,
37.0075

■ 78.2135, 83.8137,
95.2810

■ 19.7460, 21.3861,
24.9174

101.8458,
108.9699, 123.4352

■ 12.3178, 13.4065,
15.7971

129.8148,
138.7146, 156.6517

■ 7.0342, 7.7091,
9.2279

162.4862,
173.4321, 195.3492

■ 3.5300, 3.9094,
4.7913

200.2250,
213.5070, 239.9461

■ 1.4399, 1.6230,
2.0687

243.3968,

■ 0.2844, 0.3730,

259.3236, 290.8610

0.5971

292.3669,
311.2662, 348.5125

■ 0.0000, 0.0000,
0.0000

■ 42.4982, 45.7293,
52.4857

■ 42.4982, 45.7293,
52.4857

■ 37.8573, 42.0609,
52.0229

■ 47.7336, 49.7462,
52.9858

■ 33.7834, 38.7227,
51.5933

■ 53.5818, 54.1176,
53.5213

■ 30.2529, 35.7034,
51.1966

■ 60.0648, 58.8565,
54.0943

■ 27.2388, 32.9888,
50.8315

■ 67.2026, 63.9735,
54.7058

■ 24.7117, 30.5633,
50.4965

■ 71.4315, 67.6317,
55.1890

■ 22.6391, 28.4099,
50.1901

■ 72.4550, 69.6786,
55.5302

■ 20.9843, 26.5092,
49.9105

■ 73.5064, 71.7814,
55.8807

■ 19.7048, 24.8390,
49.6555

■ 74.5859, 73.9405,
56.2405

■ 18.7408, 23.3680,
49.4224

■ 75.6939, 76.1564,
56.6098

Harmonies

Analogous

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



42.1722, 45.7293, 50.6955



42.4982, 45.7293, 52.4857



43.0846, 45.7293, 53.5694

Triad

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



42.4982, 45.7293, 52.4857



44.7642, 45.7293, 50.8901



43.1513, 45.7293, 46.1464

Complementary

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



42.4982, 45.7293, 52.4857



42.7843, 43.9527, 45.2594

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.



43.8463, 45.7293, 46.1954



42.4982, 45.7293, 52.4857



44.7825, 45.7293, 48.8982

Square

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



42.4982, 45.7293, 52.4857



44.3952, 45.7293, 52.6315



44.4450, 45.7293, 47.1910



42.5466, 45.7293, 47.0555

Rectangle

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



42.4982, 45.7293, 52.4857



43.5467, 45.7293, 53.7278



44.4450, 45.7293, 47.1910



43.3820, 45.7293, 46.0522

Sweetspot

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



42.4995, 45.7312, 52.4867



80.6615, 85.4155, 94.4401



42.0829, 46.5573, 47.2324



17.4105, 18.4303, 20.3614



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.



42.4995, 45.7312, 52.4867



75.1458, 81.1473, 93.9070



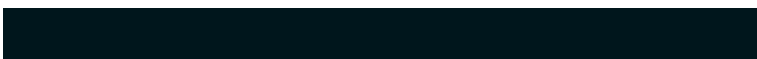
41.2344, 43.2010, 52.0650



9.0864, 9.8500, 11.5018



12.6413, 15.7423, 33.6254



0.4892, 0.6421, 1.1999

Inverse Universe

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



43.2047, 43.1977, 50.3190



76.6000, 75.9490, 89.4308



44.0431, 46.4703, 45.6790



9.2899, 9.1263, 10.8743



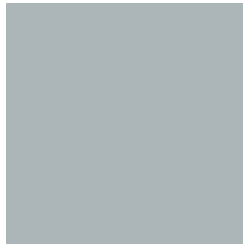
16.9944, 8.3715, 18.3893



0.6211, 0.3039, 0.7640

Previews

White Background



This preview shows how the XYZ color 42.4982, 45.7293, 52.4857 looks on a white background.

Color Contrast Check

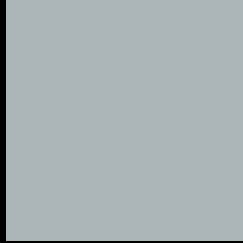
Large Text (above 18pt) WCAG AA × Fail

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 42.4982, 45.7293, 52.4857 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

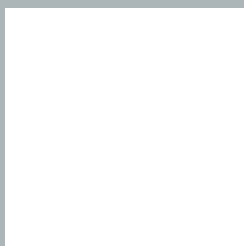
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4982, 45.7293, 52.4857

Background



This preview shows how black text looks on a background with the XYZ color 42.4982, 45.7293, 52.4857.



This preview shows how white text looks on a background with the XYZ color 42.4982, 45.7293,

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

42.4982, 45.7293, 52.4857

Protanopia

43.9587, 45.6042, 51.2854

Deuteranopia

46.4410, 45.6744, 52.8227



Tritanopia

43.6271, 45.5813, 58.1284

Trichromacy



Original Color

42.4982, 45.7293, 52.4857

Protanomaly

43.3331, 45.5682, 51.8590

Deuteranomaly

45.0330, 45.8251, 52.9260

Tritanomaly

43.1614, 45.6936, 55.8351

Monochromacy



Original Color

42.4982, 45.7293, 52.4857

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5662, 45.2088, 50.1988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4982, 45.7293, 52.4857 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(172, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(172, 182, 185)  
}
```

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(172, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 182, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.4982, 45.7293, 52.4857 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(172, 182, 185) }
```


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

```
.border{ border-color:rgb(172, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(172, 182,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4982, 45.7293, 52.4857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 182, 185) }
```

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

```
.background{ background-color: rgb(172,  
182, 185) }
```

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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