

Converting Colors

XYZ(41.8808, 43.3162, 52.6915)

Have a look what the booklet for
XYZ(41.8808, 43.3162, 52.6915)
contains.

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Color

**XYZ(41.8721, 43.3191,
52.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAFBA
RGB	175, 175, 186
RGB Percent	69%, 69%, 73%
CMY	0.3137, 0.3137, 0.2706
CMYK	0.06, 0.06, 0.00, 0.27
HSL	240°, 7%, 71%
HSV	240°, 6%, 73%
XYZ	41.8721, 43.3191, 52.6089
YIQ	176.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

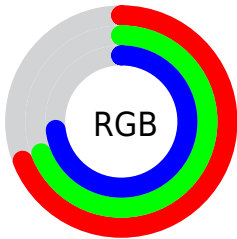
Format	Color
RYB	175, 175, 186
Decimal	11513786
CIELab	71.77, 2.13, -5.61
CIELCh	72, 5.999, 290.773
Yxy	43.3191, 0.3039, 0.3144
Android (android.graphics.Color)	4289703866 (0xFFAFAFBA)
YUV	176.2540, 4.8048, -1.0998
Hunter-Lab	65.8172, -1.6207, -1.3195

Details

The XYZ color **41.8721, 43.3191, 52.6089** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5465, 48.6516, 47.5483**, and the grayscale version is **41.3774, 43.5323, 47.4067**.

A 20% lighter version of the original color is **77.2788, 79.9934, 95.3716**, and **19.4850, 20.0703, 25.0373** is the 20% darker color. If you saturate the color by 10%, you get **34.6083, 34.5677, 51.3032**, and if you desaturate by 10%, it is **50.2118, 53.3675, 54.1095**.

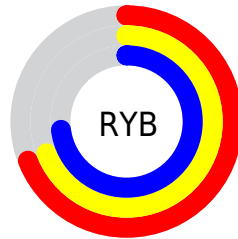
Distribution



Red (69%)

Green (69%)

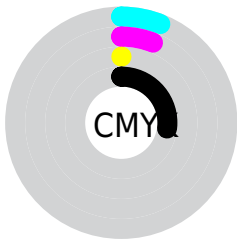
Blue (73%)



Red (69%)

Yellow (69%)

Blue (73%)

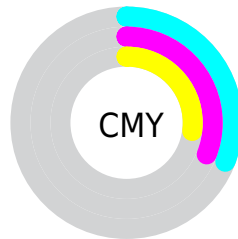


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8721, 43.3191, 52.6089 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 41.8721, 43.3191, 52.6089 by changing the saturation by 10% instead.

■ 41.8721, 43.3191,
52.6089

■ 41.8721, 43.3191,
52.6089

344.9531,
359.9224, 413.8065

■ 29.1918, 30.1356,
37.1051

■ 77.2724, 80.1922,
95.4643

■ 19.3710, 19.9415,
24.9924

100.7231,
104.6505, 123.6530

■ 12.0442, 12.3525,
15.8524

128.4947,
133.6359, 156.9070

■ 6.8462, 6.9842,
9.2666

160.9525,
167.5327, 195.6450

■ 3.4116, 3.4522,
4.8163

198.4619,
206.7254, 240.2853

■ 1.3750, 1.3721,
2.0830

241.3883,

■ 0.2383, 0.1961,

251.5983, 291.2467

0.6056

290.0969,
302.5358, 348.9475

■ 0.0000, 0.0000,
0.0000

■ 41.8721, 43.3191,
52.6089

■ 41.8721, 43.3191,
52.6089

■ 34.6083, 34.5677,
51.3032

■ 50.2118, 53.3675,
54.1095

■ 28.3732, 27.0551,
50.1818

■ 59.6648, 64.7567,
55.8097

■ 23.1213, 20.7271,
49.2371

■ 70.2713, 77.5356,
57.7172

■ 18.8025, 15.5233,
48.4603

■ 82.0683, 91.7488,
59.8389

■ 15.3622, 11.3779,
47.8415

■ 85.8631, 96.3252,
60.5222

■ 12.7402, 8.2183,
47.3699

■ 10.8687, 5.9630,
47.0332

■ 9.6690, 4.5170,
46.8173

■ 9.0412, 3.7603,
46.7043

Harmonies

Analogous

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



40.8602, 43.3191, 52.9236



41.8721, 43.3191, 52.6089



42.7095, 43.3191, 50.8043

Triad

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



41.8721, 43.3191, 52.6089



42.4247, 43.3191, 42.9538



39.2702, 43.3191, 46.2733

Complementary

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



41.8721, 43.3191, 52.6089



45.5465, 48.6516, 47.5483

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.



39.6748, 43.3191, 43.7078



41.8721, 43.3191, 52.6089



41.4884, 43.3191, 41.8440

Square

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



41.8721, 43.3191, 52.6089



43.0322, 43.3191, 45.2055



40.4827, 43.3191, 42.1142



39.3691, 43.3191, 49.1848

Rectangle

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



41.8721, 43.3191, 52.6089



43.0508, 43.3191, 49.0387



40.4827, 43.3191, 42.1142



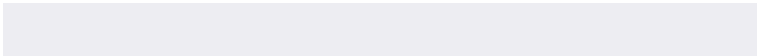
39.3516, 43.3191, 45.3438

Sweetspot

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



41.8734, 43.3209, 52.6099



81.5270, 85.3041, 96.3698



44.0822, 47.7699, 53.2500



17.9875, 18.8263, 21.2284



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.



41.8734, 43.3209, 52.6099



74.2128, 76.4915, 95.0543



43.0898, 43.9472, 52.6666



8.8261, 9.0871, 11.3682



5.9631, 2.3860, 31.3993



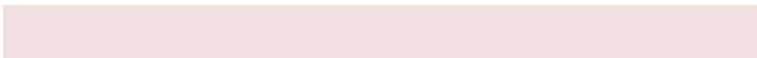
0.2103, 0.0842, 1.1069

Inverse Universe

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



43.3185, 44.1951, 46.8070



77.3393, 78.3827, 82.4998



44.2793, 47.9992, 47.4892



9.2177, 9.3240, 9.7957



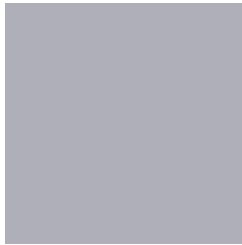
13.6236, 7.0232, 0.6387



0.4803, 0.2476, 0.0227

Previews

White Background



This preview shows how the XYZ color 41.8721, 43.3191, 52.6089 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 41.8721, 43.3191, 52.6089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

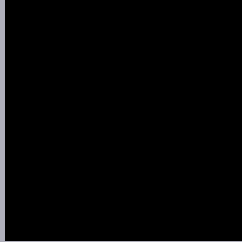
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8721, 43.3191, 52.6089

Background



This preview shows how black text looks on a background with the XYZ color 41.8721, 43.3191, 52.6089.

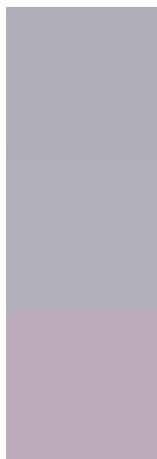


This preview shows how white text looks on a background with the XYZ color 41.8721, 43.3191,

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

41.8721, 43.3191, 52.6089

Protanopia

42.0974, 43.4352, 52.6194

Deuteranopia

44.2716, 43.4050, 53.0584



Tritanopia

42.0863, 43.4047, 53.7367

Trichromacy



Original Color

41.8721, 43.3191, 52.6089

Protanomaly

42.0974, 43.4352, 52.6194

Deuteranomaly

43.2506, 43.1602, 53.0649

Tritanomaly

41.9788, 43.3618, 53.1708

Monochromacy



Original Color

41.8721, 43.3191, 52.6089

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6680, 43.5761, 49.3949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8721, 43.3191, 52.6089 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, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 175, 186)  
}
```

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, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 175, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.8721, 43.3191, 52.6089 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, 175, 186) }
```


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

```
.border{ border-color:rgb(175, 175, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 175,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8721, 43.3191, 52.6089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 175, 186) }
```

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

```
.background{ background-color: rgb(175,  
175, 186) }
```

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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