

Converting Colors

XYZ(41.1948, 43.4472, 52.1139)

Have a look what the booklet for
XYZ(41.1948, 43.4472, 52.1139)
contains.

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Color

**XYZ(41.2737, 43.6050,
52.1402)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB1B9
RGB	171, 177, 185
RGB Percent	67%, 69%, 73%
CMY	0.3294, 0.3059, 0.2745
CMYK	0.08, 0.04, 0.00, 0.27
HSL	214°, 9%, 70%
HSV	214°, 8%, 73%
XYZ	41.2737, 43.6050, 52.1402
YIQ	176.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

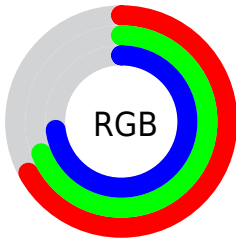
Format	Color
R_{YB}	171, 175, 185
Decimal	11252153
CIE _{Lab}	71.96, -0.52, -4.81
CIE _{LCh}	72, 4.838, 263.784
Yxy	43.6050, 0.3012, 0.3182
Android (android.graphics.Color)	4289442233 (0xFFABB1B9)
YUV	176.1180, 4.3788, -4.4885
Hunter-Lab	66.0341, -3.9907, -0.5912

Details

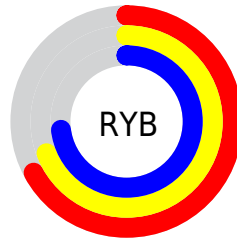
The XYZ color **41.2737, 43.6050, 52.1402** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4785, 45.4944, 45.0186**, and the grayscale version is **41.3096, 43.4609, 47.3289**.

A 20% lighter version of the original color is **76.3801, 80.7975, 94.7889**, and **18.9803, 20.0032, 24.6904** is the 20% darker color. If you saturate the color by 10%, you get **35.5157, 37.6580, 51.2965**, and if you desaturate by 10%, it is **47.7600, 50.1698, 53.0661**.

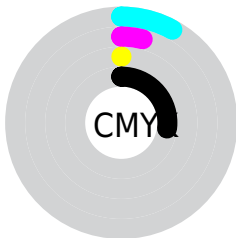
Distribution



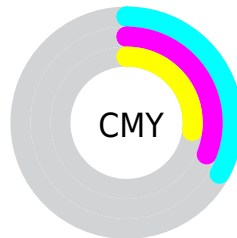
- Red (67%)
- Green (69%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (31%)
- Yellow (27%)
- Black (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2737, 43.6050, 52.1402 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 41.2737, 43.6050, 52.1402 by changing the saturation by 10% instead.

■ 41.2737, 43.6050,
52.1402

■ 41.2737, 43.6050,
52.1402

342.5063,
361.0939, 411.9500

■ 28.7216, 30.3601,
36.7338

■ 76.3713, 80.6230,
94.7667

■ 19.0136, 20.1121,
24.7073

99.6475, 105.1650,
122.8238

■ 11.7841, 12.4765,
15.6421

127.2292,
134.2413, 155.9350

■ 6.6680, 7.0691,
9.1196

159.4816,
168.2366, 194.5187

■ 3.2998, 3.5053,
4.7214

196.7702,
207.5351, 238.9935

■ 1.3142, 1.4009,
2.0289

239.4603,

■ 0.1938, 0.2174,

252.5212, 289.7780

0.5730

287.9172,
303.5793, 347.2906

■ 0.0000, 0.0000,
0.0000

■ 41.2737, 43.6050,
52.1402

■ 41.2737, 43.6050,
52.1402

■ 35.5157, 37.6580,
51.2965

■ 47.7600, 50.1698,
53.0661

■ 30.4552, 32.3040,
50.5298

■ 54.9961, 57.3652,
54.0736

■ 26.0648, 27.5244,
49.8386

■ 63.0076, 65.2106,
55.1657

■ 22.3136, 23.2976,
49.2205

■ 71.8175, 73.7228,
56.3444

■ 19.1685, 19.6003,
48.6726

■ 78.2504, 81.2696,
57.4620

■ 16.5925, 16.4073,
48.1920

■ 81.2785, 87.3257,
58.4713

■ 14.5447, 13.6908,
47.7756

■ 84.4879, 93.7445,
59.5411

■ 12.9776, 11.4193,
47.4198

■ 85.7571, 96.2828,
59.9642

■ 11.8226, 9.5503,
47.1199

Harmonies

Analogous

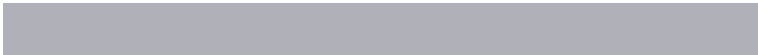
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.5149, 43.6050, 51.2394



41.2737, 43.6050, 52.1402



42.0884, 43.6050, 51.7588

Triad

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



41.2737, 43.6050, 52.1402



42.9141, 43.6050, 45.6695



40.1784, 43.6050, 44.8442

Complementary

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



41.2737, 43.6050, 52.1402



43.4785, 45.4944, 45.0186

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.



40.8087, 43.6050, 43.4408



41.2737, 43.6050, 52.1402



42.3897, 43.6050, 43.9061

Square

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



41.2737, 43.6050, 52.1402



43.0425, 43.6050, 47.9721



41.6173, 43.6050, 43.1032



39.8880, 43.6050, 46.9882

Rectangle

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



41.2737, 43.6050, 52.1402



42.5528, 43.6050, 50.8349



41.6173, 43.6050, 43.1032



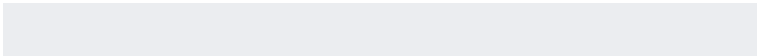
40.3571, 43.6050, 44.2731

Sweetspot

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



41.2750, 43.6068, 52.1412



80.1866, 84.4657, 94.2818



42.2742, 46.6086, 49.3815



17.3134, 18.2362, 20.3290



88.6918, 93.3107, 101.6153



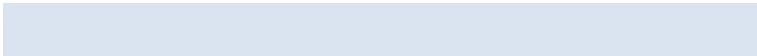
17.8044, 18.7317, 20.3988

Same Dimension

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



41.2750, 43.6068, 52.1412



72.2073, 76.3429, 93.1345



40.3193, 41.3925, 51.7641



8.8292, 9.3357, 11.4161



7.9517, 6.3631, 32.0622



0.3420, 0.3477, 1.1508

Inverse Universe

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



42.5073, 42.6153, 47.5823



74.8550, 74.2484, 83.3320



44.4835, 47.8375, 45.4179



9.1602, 9.0744, 10.1908



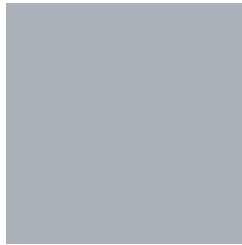
14.6273, 7.4247, 5.9244



0.5468, 0.2742, 0.3728

Previews

White Background



This preview shows how the XYZ color 41.2737, 43.6050, 52.1402 looks on a white background.

Color Contrast Check

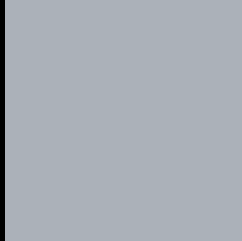
Large Text (above 18pt) WCAG AA × Fail

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 41.2737, 43.6050, 52.1402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

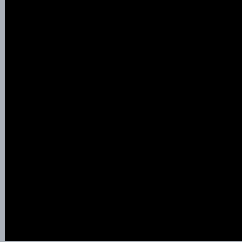
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

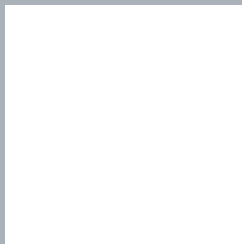
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2737, 43.6050, 52.1402

Background



This preview shows how black text looks on a background with the XYZ color 41.2737, 43.6050, 52.1402.



This preview shows how white text looks on a background with the XYZ color 41.2737, 43.6050,

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

41.2737, 43.6050, 52.1402

Protanopia

42.1132, 43.4677, 51.5179

Deuteranopia

44.4121, 43.4898, 52.5080



Tritanopia

41.8329, 43.5390, 54.9142

Trichromacy



Original Color

41.2737, 43.6050, 52.1402

Protanomaly

41.8563, 43.6253, 51.5619

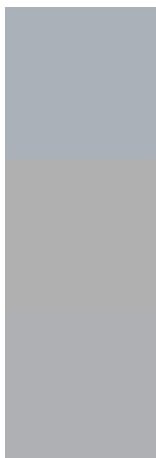
Deuteranomaly

43.0979, 43.3774, 52.5555

Tritanomaly

41.6157, 43.4522, 53.7707

Monochromacy



Original Color

41.2737, 43.6050, 52.1402

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1176, 43.3040, 48.8392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2737, 43.6050, 52.1402 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(171, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 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(171, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.2737, 43.6050, 52.1402 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(171, 177, 185) }
```


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

```
.border{ border-color:rgb(171, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2737, 43.6050, 52.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 185) }
```

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

```
.background{ background-color: rgb(171,  
177, 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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