

Converting Colors

XYZ(42.2950, 45.2273, 49.3679)

Have a look what the booklet for
XYZ(42.2950, 45.2273, 49.3679)
contains.

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Color

**XYZ(42.1371, 45.0111,
49.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB4B3
RGB	175, 180, 179
RGB Percent	69%, 71%, 70%
CMY	0.3137, 0.2941, 0.2980
CMYK	0.03, 0.00, 0.01, 0.29
HSL	168°, 3%, 70%
HSV	168°, 3%, 71%
XYZ	42.1371, 45.0111, 49.1150
YIQ	178.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

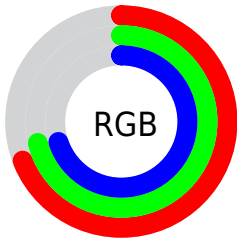
Format	Color
RYB	175, 178, 180
Decimal	11515059
CIELab	72.90, -1.93, -0.11
CIELCh	73, 1.937, 183.254
Yxy	45.0111, 0.3092, 0.3303
Android (android.graphics.Color)	4289705139 (0xFFAFB4B3)
YUV	178.3910, 0.3002, -2.9739
Hunter-Lab	67.0903, -5.2984, 3.5586

Details

The XYZ color **42.1371, 45.0111, 49.1150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.9904, 43.4989, 47.2594**, and the grayscale version is **42.5245, 44.7391, 48.7209**.

A 20% lighter version of the original color is **77.9458, 82.9780, 90.5054**, and **19.5236, 20.8961, 22.7430** is the 20% darker color. If you saturate the color by 10%, you get **38.0034, 42.9230, 47.0422**, and if you desaturate by 10%, it is **46.8215, 47.3845, 51.2653**.

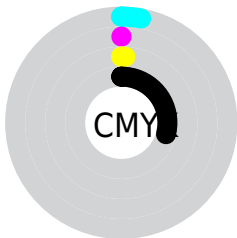
Distribution



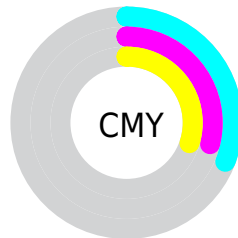
- Red (69%)
- Green (71%)
- Blue (70%)



- Red (69%)
- Yellow (70%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1371, 45.0111, 49.1150 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 42.1371, 45.0111, 49.1150 by changing the saturation by 10% instead.

■ 42.1371, 45.0111,
49.1150

■ 42.1371, 45.0111,
49.1150

346.0329,
366.8185, 399.8303

■ 29.4002, 31.4662,
34.3445

■ 77.6709, 82.7371,
90.2450

■ 19.5296, 20.9541,
22.8789

101.1986,
107.6869, 117.4415

■ 12.1598, 13.0904,
14.2996

129.0540,
137.2071, 149.6171

■ 6.9256, 7.4909,
8.1882

161.6023,
171.6822, 187.1904

■ 3.4615, 3.7709,
4.1261

199.2090,
211.4965, 230.5798

■ 1.4023, 1.5463,
1.6948

242.2395,

■ 0.2578, 0.3210,

257.0344, 280.2039

0.3572

291.0590,
308.6802, 336.4812

■ 0.0000, 0.0000,
0.0000

■ 42.1371, 45.0111,
49.1150

■ 42.1371, 45.0111,
49.1150

■ 38.0034, 42.9230,
47.0422

■ 46.8215, 47.3845,
51.2653

■ 34.3954, 41.1035,
45.0425

■ 52.0727, 50.0478,
53.4914

■ 31.2916, 39.5429,
43.1156

■ 57.9112, 53.0127,
55.7956

■ 28.6679, 38.2287,
41.2598

■ 64.3550, 56.2885,
58.1791

■ 26.4979, 37.1473,
39.4736

■ 67.6450, 57.9373,
60.4663

■ 24.7527, 36.2838,
37.7552

■ 68.0636, 58.1048,
62.6708

■ 23.4001, 35.6217,
36.1027

■ 68.4922, 58.2762,
64.9278

■ 22.4031, 35.1419,
34.5141

■ 68.9308, 58.4517,
67.2376

■ 21.7175, 34.8215,
32.9867

■ 69.3796, 58.6312,
69.6006

Harmonies

Analogous

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



42.2048, 45.0111, 48.1778



42.1371, 45.0111, 49.1150



42.2413, 45.0111, 50.0356

Triad

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



42.1371, 45.0111, 49.1150



43.1385, 45.0111, 50.5800



43.0744, 45.0111, 47.3685

Complementary

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



42.1371, 45.0111, 49.1150



41.9904, 43.4989, 47.2594

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.



43.3266, 45.0111, 47.9974



42.1371, 45.0111, 49.1150



43.3638, 45.0111, 49.8506

Square

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



42.1371, 45.0111, 49.1150



42.8185, 45.0111, 50.8884



43.4328, 45.0111, 48.9040



42.7449, 45.0111, 47.1773

Rectangle

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



42.1371, 45.0111, 49.1150



42.3946, 45.0111, 50.5137



43.4328, 45.0111, 48.9040



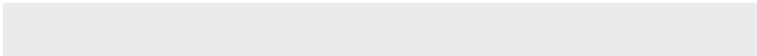
43.1711, 45.0111, 47.5353

Sweetspot

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



42.1384, 45.0130, 49.1160



77.8251, 82.3342, 89.7299



41.9838, 44.9794, 47.0272



16.8304, 17.8002, 19.3984



86.6293, 91.1408, 99.2523



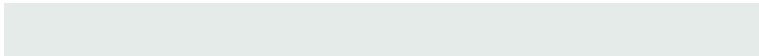
17.0014, 17.8868, 19.4787

Same Dimension

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



42.1384, 45.0130, 49.1160



76.1851, 81.5043, 88.9491



41.9555, 44.4843, 49.5573



9.1852, 9.8632, 10.7687



14.9247, 24.1958, 22.4039



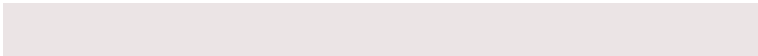
0.4882, 0.7687, 0.8028

Inverse Universe

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



41.9904, 43.4989, 47.2594



75.8911, 78.4959, 85.2601



42.1689, 44.0141, 46.8311



9.1419, 9.4191, 10.2241



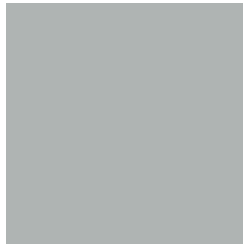
13.3798, 6.8695, 1.8943



0.4413, 0.2243, 0.1668

Previews

White Background



This preview shows how the XYZ color 42.1371, 45.0111, 49.1150 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 42.1371, 45.0111, 49.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

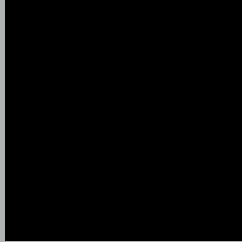
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

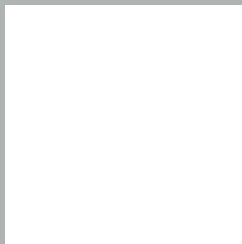
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1371, 45.0111, 49.1150

Background



This preview shows how black text looks on a background with the XYZ color 42.1371, 45.0111, 49.1150.



This preview shows how white text looks on a background with the XYZ color 42.1371, 45.0111,

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

42.1371, 45.0111, 49.1150

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

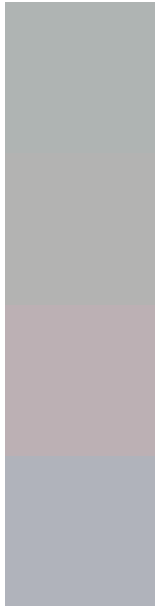
45.6875, 44.7845, 49.4163



Tritanopia

43.5663, 44.9937, 56.2576

Trichromacy



Original Color

42.1371, 45.0111, 49.1150

Protanomaly

42.7464, 45.0383, 48.5598

Deuteranomaly

44.5026, 45.0373, 49.5275

Tritanomaly

42.9942, 45.0582, 53.4448

Monochromacy



Original Color

42.1371, 45.0111, 49.1150

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2874, 44.8017, 48.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1371, 45.0111, 49.1150 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, 180, 179) looks like.

```
.text, #text, p{  
    color:rgb(175, 180, 179)  
}
```

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, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.1371, 45.0111, 49.1150 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, 180, 179) }
```


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

```
.border{ border-color:rgb(175, 180, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 180, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 180, 179); box-shadow:4px 4px 4px 4px rgb(175, 180, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1371, 45.0111, 49.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 180, 179) }
```

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

```
.background{ background-color: rgb(175,  
180, 179) }
```

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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