

Converting Colors

XYZ(41.6488, 45.8552, 51.7645)

Have a look what the booklet for
XYZ(41.6488, 45.8552, 51.7645)
contains.

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Color

**XYZ(41.7286, 45.9572,
52.0187)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B8B8
RGB	167, 184, 184
RGB Percent	65%, 72%, 72%
CMY	0.3451, 0.2784, 0.2784
CMYK	0.09, 0.00, 0.00, 0.28
HSL	180°, 11%, 69%
HSV	180°, 9%, 72%
XYZ	41.7286, 45.9572, 52.0187
YIQ	178.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

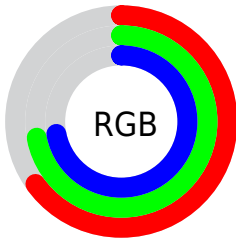
Format	Color
RYB	167, 176, 184
Decimal	10991800
CIELab	73.52, -5.84, -2.01
CIELCh	74, 6.172, 198.990
Yxy	45.9572, 0.2987, 0.3290
Android (android.graphics.Color)	4289181880 (0xFFA7B8B8)
YUV	178.9170, 2.5059, -10.4512
Hunter-Lab	67.7917, -8.7615, 1.9592

Details

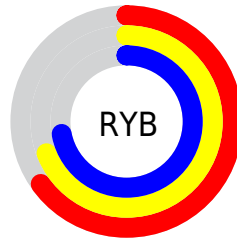
The XYZ color **41.7286, 45.9572, 52.0187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.5626, 40.6191, 42.2638**, and the grayscale version is **42.7956, 45.0243, 49.0314**.

A 20% lighter version of the original color is **77.0125, 84.1410, 94.6199**, and **19.2833, 21.5161, 24.6094** is the 20% darker color. If you saturate the color by 10%, you get **38.1147, 44.0954, 51.8488**, and if you desaturate by 10%, it is **45.8983, 48.1080, 52.2165**.

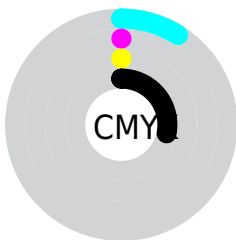
Distribution



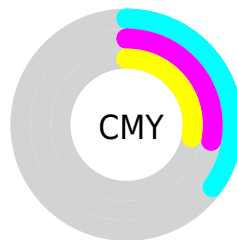
- Red (65%)
- Green (72%)
- Blue (72%)



- Red (65%)
- Yellow (69%)
- Blue (72%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (35%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7286, 45.9572, 52.0187 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 41.7286, 45.9572, 52.0187 by changing the saturation by 10% instead.

■ 41.7286, 45.9572,
52.0187

■ 41.7286, 45.9572,
52.0187

344.3674,
370.6366, 411.4678

■ 29.0790, 32.2120,
36.6376

■ 77.0565, 84.1549,
94.5857

■ 19.2852, 21.5235,
24.6335

■ 100.4654,
109.3763, 122.6087

■ 11.9818, 13.5072,
15.5877

128.1916,
139.1919, 155.6827

■ 6.8034, 7.7787,
9.0817

160.6003,
173.9861, 194.2264

■ 3.3847, 3.9537,
4.6969

198.0568,
214.1432, 238.6582

■ 1.3603, 1.6477,
2.0150

240.9267,

■ 0.2277, 0.3894,

260.0478, 289.3967

0.5645

289.5751,
312.0841, 346.8603

■ 0.0000, 0.0000,
0.0000

■ 41.7286, 45.9572,
52.0187

■ 41.7286, 45.9572,
52.0187

■ 38.1147, 44.0954,
51.8488

■ 45.8983, 48.1080,
52.2165

■ 35.0293, 42.5049,
51.7027

■ 50.6416, 50.5532,
52.4402

■ 32.4490, 41.1747,
51.5803

■ 55.9806, 53.3055,
52.6918

■ 30.3467, 40.0910,
51.4802

■ 61.9349, 56.3750,
52.9721

■ 28.6932, 39.2386,
51.4011

■ 67.0349, 59.0041,
53.2125

■ 27.4558, 38.6008,
51.3415

■ 67.0352, 59.0042,
53.2142

■ 26.5976, 38.1584,
51.2996

■ 67.0355, 59.0044,
53.2159

■ 26.0750, 37.8890,
51.2735

■ 67.0358, 59.0045,
53.2176

■ 25.8078, 37.7513,
51.2592

■ 67.0362, 59.0046,
53.2194

Harmonies

Analogous

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



41.6554, 45.9572, 48.9018



41.7286, 45.9572, 52.0187



42.3198, 45.9572, 54.7079

Triad

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



41.7286, 45.9572, 52.0187



45.2819, 45.9572, 54.0833



44.0825, 45.9572, 44.3748

Complementary

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



41.7286, 45.9572, 52.0187



40.5626, 40.6191, 42.2638

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.



45.0710, 45.9572, 45.6447



41.7286, 45.9572, 52.0187



45.7711, 45.9572, 51.1949

Square

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



41.7286, 45.9572, 52.0187



44.3666, 45.9572, 55.9337



45.6932, 45.9572, 48.1113



43.0023, 45.9572, 44.5748

Rectangle

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



41.7286, 45.9572, 52.0187



42.9337, 45.9572, 55.8558



45.6932, 45.9572, 48.1113



44.4368, 45.9572, 44.6418

Sweetspot

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



41.7299, 45.9591, 52.0197



80.1995, 85.6582, 94.5104



40.1132, 45.3194, 43.1933



17.1571, 18.3979, 20.3682



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.



41.7299, 45.9591, 52.0197



74.2921, 82.6129, 94.2314



40.0723, 42.6435, 51.4687



9.2666, 10.2106, 11.5615



17.7736, 26.0104, 35.3252



0.6266, 0.9169, 1.2454

Inverse Universe

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



40.5626, 40.6191, 42.2638



71.7646, 71.0503, 73.1073



42.1161, 43.7264, 42.7803



9.0047, 9.0122, 9.3722



13.6235, 7.0232, 0.6383



0.4803, 0.2476, 0.0226

Previews

White Background



This preview shows how the XYZ color 41.7286, 45.9572, 52.0187 looks on a white background.

Color Contrast Check

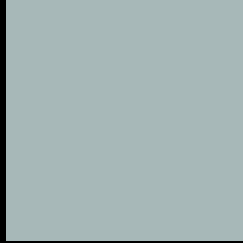
Large Text (above 18pt) WCAG AA × Fail

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 41.7286, 45.9572, 52.0187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

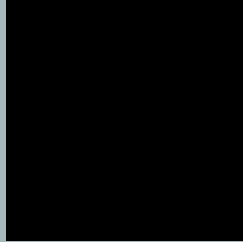
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

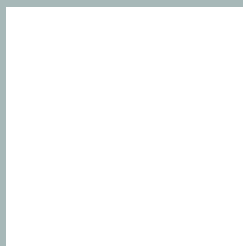
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7286, 45.9572, 52.0187

Background



This preview shows how black text looks on a background with the XYZ color 41.7286, 45.9572, 52.0187.

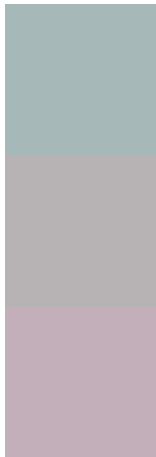


This preview shows how white text looks on a background with the XYZ color 41.7286, 45.9572,

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

41.7286, 45.9572, 52.0187

Protanopia

43.9890, 45.6437, 50.2077

Deuteranopia

46.6986, 45.8072, 52.8348



Tritanopia

43.1682, 45.9221, 59.4120

Trichromacy



Original Color

41.7286, 45.9572, 52.0187

Protanomaly

43.0988, 45.7723, 50.8193

Deuteranomaly

44.6849, 45.6579, 52.3566

Tritanomaly

42.5964, 45.9976, 56.5025

Monochromacy



Original Color

41.7286, 45.9572, 52.0187

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5436, 45.4979, 50.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7286, 45.9572, 52.0187 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(167, 184, 184) looks like.

```
.text, #text, p{  
    color:rgb(167, 184, 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(167, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 184, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.7286, 45.9572, 52.0187 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(167, 184, 184) }
```


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

```
.border{ border-color:rgb(167, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(167, 184,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7286, 45.9572, 52.0187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 184, 184) }
```

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

```
.background{ background-color: rgb(167,  
184, 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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