

Converting Colors

XYZ(44.7588, 47.3242, 52.2652)

Have a look what the booklet for
XYZ(44.7588, 47.3242, 52.2652)
contains.

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Color

**XYZ(44.6413, 47.1514,
52.0957)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B7B8
RGB	181, 183, 184
RGB Percent	71%, 72%, 72%
CMY	0.2902, 0.2823, 0.2784
CMYK	0.02, 0.01, 0.00, 0.28
HSL	200°, 2%, 72%
HSV	200°, 2%, 72%
XYZ	44.6413, 47.1514, 52.0957
YIQ	182.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

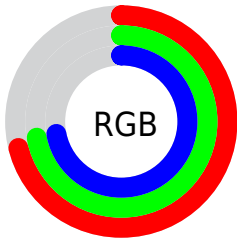
Format	Color
R_{YB}	181, 182, 184
Decimal	11909048
CIE Lab	74.29, -0.51, -0.76
CIE LCh	74, 0.913, 236.336
Yxy	47.1514, 0.3102, 0.3277
Android (android.graphics.Color)	4290099128 (0xFFB5B7B8)
YUV	182.5160, 0.7316, -1.3295
Hunter-Lab	68.6669, -4.1217, 3.0851

Details

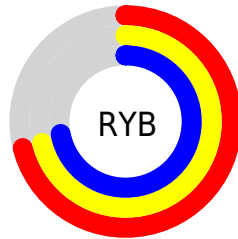
The XYZ color **44.6413, 47.1514, 52.0957** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8358, 46.9821, 50.4222**, and the grayscale version is **44.7427, 47.0728, 51.2623**.

A 20% lighter version of the original color is **81.5197, 86.0288, 94.7467**, and **20.9815, 22.1932, 24.6506** is the 20% darker color. If you saturate the color by 10%, you get **39.3748, 42.6055, 51.4966**, and if you desaturate by 10%, it is **50.5352, 52.1047, 52.7419**.

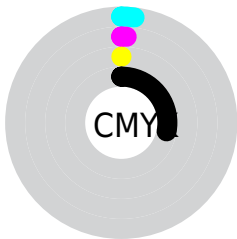
Distribution



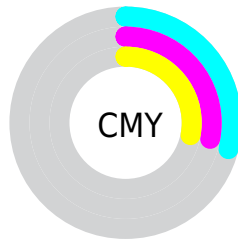
- Red (71%)
- Green (72%)
- Blue (72%)



- Red (71%)
- Yellow (71%)
- Blue (72%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6413, 47.1514, 52.0957 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 44.6413, 47.1514, 52.0957 by changing the saturation by 10% instead.

■ 44.6413, 47.1514,
52.0957

■ 44.6413, 47.1514,
52.0957

356.1271,
375.4185, 411.7734

■ 31.3751, 33.1554,
36.6986

■ 81.4223, 85.9396,
94.7004

■ 21.0378, 22.2455,
24.6803

105.6677,
111.5005, 122.7450

■ 13.2643, 14.0374,
15.6221

134.3036,
141.6852, 155.8426

■ 7.6890, 8.1467,
9.1057

167.6953,
176.8780, 194.4117

■ 3.9467, 4.1889,
4.7125

206.2081,
217.4633, 238.8707

■ 1.6720, 1.7798,
2.0238

250.2074,

■ 0.4387, 0.4745,

263.8256, 289.6384

0.5698

300.0586,
316.3492, 347.1331

■ 0.0000, 0.0000,
0.0000

■ 44.6413, 47.1514,
52.0957

■ 44.6413, 47.1514,
52.0957

■ 39.3748, 42.6055,
51.4966

■ 50.5352, 52.1047,
52.7419

■ 34.7087, 38.4483,
50.9400

■ 57.0740, 57.4715,
53.4331

■ 30.6201, 34.6680,
50.4259

■ 64.2796, 63.2655,
54.1717

■ 27.0830, 31.2504,
49.9526

■ 72.1717, 69.4976,
54.9586

■ 24.0693, 28.1796,
49.5188

■ 73.8329, 72.6029,
55.4705

■ 21.5480, 25.4388,
49.1226

■ 75.4060, 75.7489,
55.9948

■ 19.4849, 23.0092,
48.7624

■ 77.0377, 79.0123,
56.5387

■ 17.8410, 20.8695,
48.4360

■ 78.7287, 82.3944,
57.1024

■ 16.5698, 18.9944,
48.1411

■ 80.4796, 85.8962,
57.6860

Harmonies

Analogous

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



44.5338, 47.1514, 51.7418



44.6413, 47.1514, 52.0957



44.7958, 47.1514, 52.2470

Triad

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



44.6413, 47.1514, 52.0957



45.1316, 47.1514, 51.3976



44.6761, 47.1514, 50.5342

Complementary

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



44.6413, 47.1514, 52.0957



44.8358, 46.9821, 50.4222

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.



44.8362, 47.1514, 50.4433



44.6413, 47.1514, 52.0957



45.0994, 47.1514, 50.9400

Square

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



44.6413, 47.1514, 52.0957



45.0791, 47.1514, 51.8424



44.9911, 47.1514, 50.5914



44.5539, 47.1514, 50.8405

Rectangle

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



44.6413, 47.1514, 52.0957



44.9048, 47.1514, 52.2120



44.9911, 47.1514, 50.5914



44.7273, 47.1514, 50.4775

Sweetspot

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



44.6426, 47.1534, 52.0967



82.5889, 86.8899, 94.6231



44.6356, 47.4809, 51.0418



17.8044, 18.7317, 20.3988



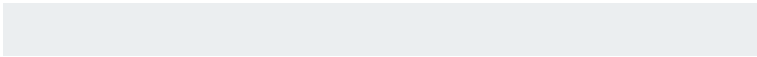
88.6918, 93.3107, 101.6153

Same Dimension

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



44.6426, 47.1534, 52.0967



80.5191, 85.1308, 94.3927



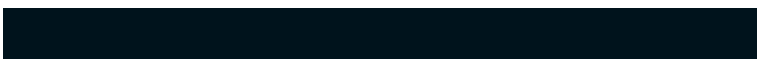
44.3445, 46.5571, 51.9974



9.8933, 10.4557, 11.5762



10.8979, 12.2555, 33.0442



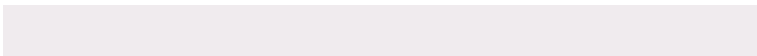
0.4385, 0.5406, 1.1830

Inverse Universe

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



44.8393, 46.6579, 51.4447



80.9631, 84.0150, 92.9204



45.1349, 47.5802, 50.5219



9.9433, 10.3299, 11.4103



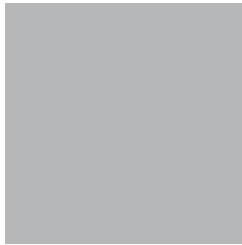
16.1144, 8.0195, 13.7553



0.5955, 0.2937, 0.6292

Previews

White Background



This preview shows how the XYZ color 44.6413, 47.1514, 52.0957 looks on a white background.

Color Contrast Check

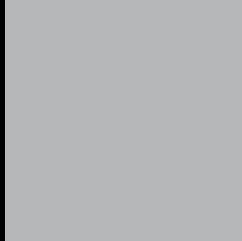
Large Text (above 18pt) WCAG AA × Fail

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 44.6413, 47.1514, 52.0957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

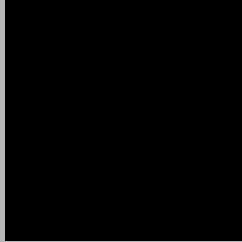
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

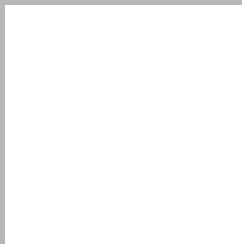
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6413, 47.1514, 52.0957

Background



This preview shows how black text looks on a background with the XYZ color 44.6413, 47.1514, 52.0957.

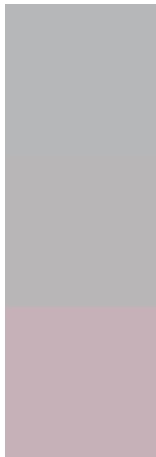


This preview shows how white text looks on a background with the XYZ color 44.6413, 47.1514,

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

44.6413, 47.1514, 52.0957

Protanopia

45.2828, 47.1891, 51.5215

Deuteranopia

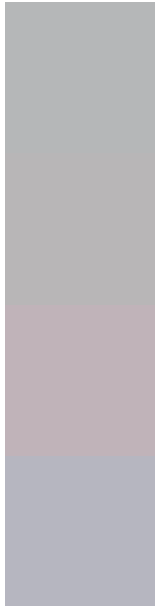
48.0323, 47.0892, 52.4565



Tritanopia

46.0161, 47.1005, 58.8906

Trichromacy



Original Color

44.6413, 47.1514, 52.0957

Protanomaly

45.0424, 47.0651, 51.5102

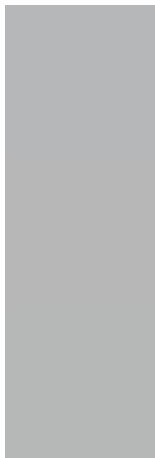
Deuteranomaly

46.6153, 46.9494, 52.5042

Tritanomaly

45.5338, 47.2068, 56.5811

Monochromacy



Original Color

44.6413, 47.1514, 52.0957

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7721, 47.2310, 51.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6413, 47.1514, 52.0957 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(181, 183, 184) looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 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(181, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 184) }
```

Border

The CSS property to change the border of an element to XYZ 44.6413, 47.1514, 52.0957 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(181, 183, 184) }
```

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

```
.border{ border-color:rgb(181, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
184) }
```


Background

The CSS property to change the background color of an element to XYZ 44.6413, 47.1514, 52.0957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 184) }
```

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

```
.background{ background-color: rgb(181,  
183, 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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