

Converting Colors

XYZ(43.0030, 47.7866, 52.3334)

Have a look what the booklet for
XYZ(43.0030, 47.7866, 52.3334)
contains.

XYZ(42.9971, 47.8621, 52.3195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.9971, 47.8621,
52.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BCB8
RGB	169, 188, 184
RGB Percent	66%, 74%, 72%
CMY	0.3372, 0.2627, 0.2784
CMYK	0.10, 0.00, 0.02, 0.26
HSL	167°, 12%, 70%
HSV	167°, 10%, 74%
XYZ	42.9971, 47.8621, 52.3195
YIQ	181.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

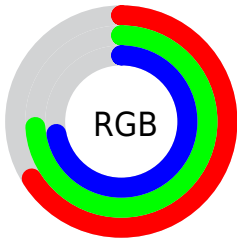
Format	Color
R_{YB}	169, 180, 188
Decimal	11123896
CIE _{Lab}	74.74, -7.28, -0.21
CIE _{LCh}	75, 7.286, 181.618
Yxy	47.8621, 0.3003, 0.3343
Android (android.graphics.Color)	4289313976 (0xFFA9BCB8)
YUV	181.8630, 1.0535, -11.2809
Hunter-Lab	69.1824, -10.1310, 3.5894

Details

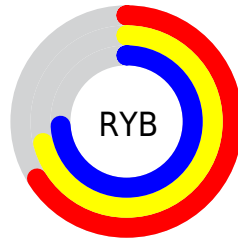
The XYZ color **42.9971, 47.8621, 52.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.4715, 42.0857, 45.4222**, and the grayscale version is **44.3883, 46.7000, 50.8563**.

A 20% lighter version of the original color is **78.8193, 86.8399, 95.0456**, and **20.0968, 22.7485, 24.8044** is the 20% darker color. If you saturate the color by 10%, you get **38.8412, 45.7683, 49.9890**, and if you desaturate by 10%, it is **47.7473, 50.2636, 54.7405**.

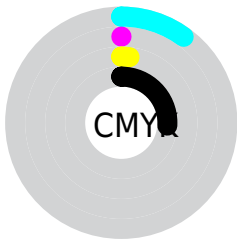
Distribution



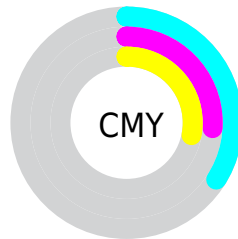
- Red (66%)
- Green (74%)
- Blue (72%)



- Red (66%)
- Yellow (71%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9971, 47.8621, 52.3195 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 42.9971, 47.8621, 52.3195 by changing the saturation by 10% instead.

■ 42.9971, 47.8621,
52.3195

■ 42.9971, 47.8621,
52.3195

349.5216,
378.2453, 412.6608

■ 30.0774, 33.7177,
36.8758

■ 78.9622, 86.9991,
95.0336

■ 20.0457, 22.6768,
24.8163

102.7383,
112.7604, 123.1412

■ 12.5367, 14.3550,
15.7225

130.8639,
143.1628, 156.3071

■ 7.1851, 8.3680,
9.1758

163.7043,
178.5907, 194.9498

■ 3.6255, 4.3313,
4.7576

201.6249,
219.4286, 239.4881

■ 1.4925, 1.8606,
2.0495

244.9911,

■ 0.3207, 0.5245,

266.0606, 290.3403

0.5855

294.1682,
318.8714, 347.9250

■ 0.0000, 0.0000,
0.0000

■ 42.9971, 47.8621,
52.3195

■ 42.9971, 47.8621,
52.3195

■ 38.8412, 45.7683,
49.9890

■ 47.7473, 50.2636,
54.7405

■ 35.2508, 43.9633,
47.7442

■ 53.1110, 52.9787,
57.2503

■ 32.2008, 42.4356,
45.5843

■ 59.1115, 56.0207,
59.8516

■ 29.6625, 41.1704,
43.5076

■ 65.7697, 59.4004,
62.5458

■ 27.6047, 40.1516,
41.5120

■ 70.0995, 61.5783,
65.1936

■ 25.9923, 39.3612,
39.5955

■ 70.5800, 61.7706,
67.7243

■ 24.7859, 38.7787,
37.7556

■ 71.0728, 61.9677,
70.3191

■ 23.9386, 38.3801,
35.9897

■ 71.5778, 62.1697,
72.9783

■ 23.3613, 38.1191,
34.3106

■ 72.0951, 62.3766,
75.7026

Harmonies

Analogous

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



43.2911, 47.8621, 48.7285



42.9971, 47.8621, 52.3195



43.3606, 47.8621, 56.0249

Triad

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



42.9971, 47.8621, 52.3195



46.8374, 47.8621, 58.5634



46.7108, 47.8621, 45.9665

Complementary

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



42.9971, 47.8621, 52.3195



42.4715, 42.0857, 45.4222

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.



47.6911, 47.8621, 48.3889



42.9971, 47.8621, 52.3195



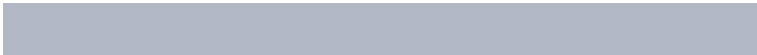
47.7652, 47.8621, 55.6521

Square

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



42.9971, 47.8621, 52.3195



45.5633, 47.8621, 59.7362



48.0805, 47.8621, 51.9084



45.4198, 47.8621, 45.1688

Rectangle

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



42.9971, 47.8621, 52.3195



43.9311, 47.8621, 58.0323



48.0805, 47.8621, 51.9084



47.0884, 47.8621, 46.6118

Sweetspot

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



42.9985, 47.8641, 52.3206



83.8854, 89.7533, 97.8974



42.4055, 47.7306, 44.5147



17.8866, 19.2240, 20.9758



90.7827, 95.5105, 104.0109



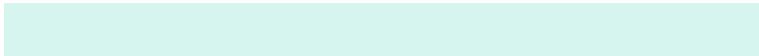
18.6292, 19.5994, 21.3438

Same Dimension

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



42.9985, 47.8641, 52.3206



76.2637, 85.9043, 93.9229



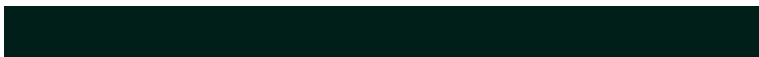
42.2953, 45.7766, 54.1858



9.7202, 10.7742, 11.7758



15.9327, 25.9633, 23.5059



0.6461, 1.0258, 1.0365

Inverse Universe

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



42.4715, 42.0857, 45.4222



75.1278, 73.4468, 79.0518



43.1123, 43.9778, 43.7531



9.6102, 9.5684, 10.3363



14.3990, 7.3908, 2.1288



0.5884, 0.2993, 0.2118

Previews

White Background



This preview shows how the XYZ color 42.9971, 47.8621, 52.3195 looks on a white background.

Color Contrast Check

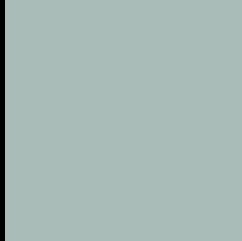
Large Text (above 18pt) WCAG AA × Fail

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 42.9971, 47.8621, 52.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

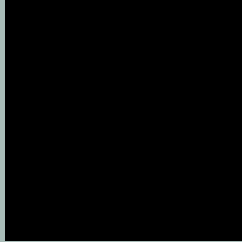
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

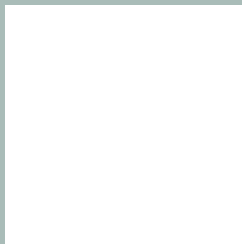
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9971, 47.8621, 52.3195

Background



This preview shows how black text looks on a background with the XYZ color 42.9971, 47.8621, 52.3195.



This preview shows how white text looks on a background with the XYZ color 42.9971, 47.8621,

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

42.9971, 47.8621, 52.3195

Protanopia

45.7675, 47.7680, 50.5240

Deuteranopia

48.6027, 47.6653, 53.0931



Tritanopia

44.9975, 48.0586, 61.5482

Trichromacy



Original Color

42.9971, 47.8621, 52.3195

Protanomaly

44.6148, 47.7786, 51.1267

Deuteranomaly

46.4712, 47.7775, 52.6716

Tritanomaly

44.3025, 48.0936, 57.9869

Monochromacy



Original Color

42.9971, 47.8621, 52.3195

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8192, 47.0470, 51.5712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9971, 47.8621, 52.3195 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(169, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 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(169, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.9971, 47.8621, 52.3195 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(169, 188, 184) }
```


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

```
.border{ border-color:rgb(169, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9971, 47.8621, 52.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 184) }
```

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

```
.background{ background-color: rgb(169,  
188, 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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