

Converting Colors

XYZ(42.9071, 47.7542, 51.8302)

Have a look what the booklet for
XYZ(42.9071, 47.7542, 51.8302)
contains.

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Color

**XYZ(42.8926, 47.8204,
51.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BCB7
RGB	169, 188, 183
RGB Percent	66%, 74%, 72%
CMY	0.3373, 0.2627, 0.2823
CMYK	0.10, 0.00, 0.03, 0.26
HSL	164°, 12%, 70%
HSV	164°, 10%, 74%
XYZ	42.8926, 47.8204, 51.7693
YIQ	181.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

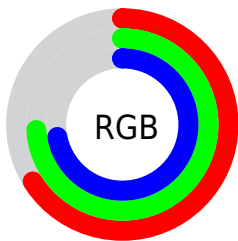
Format	Color
R_{YB}	169, 180, 188
Decimal	11123895
CIE _{Lab}	74.71, -7.48, 0.30
CIE _{LCh}	75, 7.487, 177.704
Yxy	47.8204, 0.3010, 0.3356
Android (android.graphics.Color)	4289313975 (0xFFA9BCB7)
YUV	181.7490, 0.6167, -11.1809
Hunter-Lab	69.1523, -10.2996, 4.0205

Details

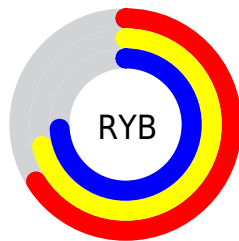
The XYZ color **42.8926, 47.8204, 51.7693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5687, 42.1244, 45.9337**, and the grayscale version is **44.3285, 46.6371, 50.7878**.

A 20% lighter version of the original color is **78.6711, 86.7807, 94.2653**, and **20.0294, 22.7216, 24.4491** is the 20% darker color. If you saturate the color by 10%, you get **38.6399, 45.6878, 48.9288**, and if you desaturate by 10%, it is **47.7461, 50.2632, 54.7345**.

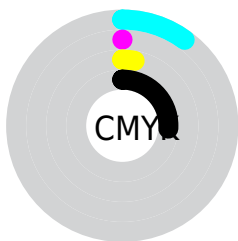
Distribution



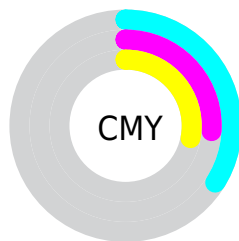
- Red (66%)
- Green (74%)
- Blue (72%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8926, 47.8204, 51.7693 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 42.8926, 47.8204, 51.7693 by changing the saturation by 10% instead.

■ 42.8926, 47.8204,
51.7693

■ 42.8926, 47.8204,
51.7693

349.0989,
378.0798, 410.4769

■ 29.9950, 33.6847,
36.4402

■ 78.8055, 86.9369,
94.2140

■ 19.9829, 22.6515,
24.4820

102.5515,
112.6865, 122.1668

■ 12.4908, 14.3364,
15.4761

130.6444,
143.0762, 155.1645

■ 7.1534, 8.3550,
9.0039

163.4494,
178.4904, 193.6258

■ 3.6054, 4.3229,
4.6468

201.3321,
219.3135, 237.9691

■ 1.4814, 1.8558,
1.9865

244.6576,

■ 0.3131, 0.5216,

265.9298, 288.6131

0.5470

293.7914,
318.7238, 345.9761

■ 0.0000, 0.0000,
0.0000

■ 42.8926, 47.8204,
51.7693

■ 42.8926, 47.8204,
51.7693

■ 38.6399, 45.6878,
48.9288

■ 47.7461, 50.2632,
54.7345

■ 34.9590, 43.8467,
46.2076

■ 53.2198, 53.0223,
57.8234

■ 31.8249, 42.2854,
43.6047

■ 59.3369, 56.1109,
61.0387

■ 29.2087, 40.9890,
41.1178

■ 66.1185, 59.5400,
64.3826

■ 27.0791, 39.9415,
38.7442

■ 70.5786, 61.7701,
67.7161

■ 25.4010, 39.1248,
36.4815

■ 71.1963, 62.0172,
70.9690

■ 24.1348, 38.5184,
34.3267

■ 71.8332, 62.2719,
74.3229

■ 23.2335, 38.0982,
32.2764

■ 72.4894, 62.5344,
77.7785

■ 22.6085, 37.8180,
30.3459

■ 73.1651, 62.8047,
81.3369

Harmonies

Analogous

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



43.2804, 47.8204, 48.1744



42.8926, 47.8204, 51.7693



43.1792, 47.8204, 55.6226

Triad

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



42.8926, 47.8204, 51.7693



46.6765, 47.8204, 58.9732



46.8612, 47.8204, 45.9998

Complementary

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



42.8926, 47.8204, 51.7693



42.5687, 42.1244, 45.9337

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.



47.8029, 47.8204, 48.6687



42.8926, 47.8204, 51.7693



47.6948, 47.8204, 56.1665

Square

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



42.8926, 47.8204, 51.7693



45.3473, 47.8204, 59.9029



48.1109, 47.8204, 52.3684



45.5565, 47.8204, 44.9484

Rectangle

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



42.8926, 47.8204, 51.7693



43.7173, 47.8204, 57.7974



48.1109, 47.8204, 52.3684



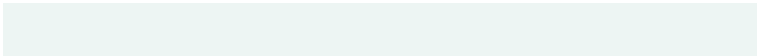
47.2317, 47.8204, 46.7308

Sweetspot

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



42.8940, 47.8224, 51.7704



83.8269, 89.7300, 97.5898



42.6165, 47.8395, 44.5244



17.8708, 19.2176, 20.8924



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.



42.8940, 47.8224, 51.7704



76.0367, 85.8135, 92.7275



42.4914, 46.1689, 54.2514



9.6984, 10.7655, 11.6613



15.4241, 25.7599, 20.8278



0.6297, 1.0193, 0.9504

Inverse Universe

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



42.5687, 42.1244, 45.9337



75.3356, 73.5299, 80.1458



42.9288, 43.6109, 43.6918



9.6305, 9.5765, 10.4434



14.5314, 7.4437, 2.8262



0.5972, 0.3028, 0.2583

Previews

White Background



This preview shows how the XYZ color 42.8926, 47.8204, 51.7693 looks on a white background.

Color Contrast Check

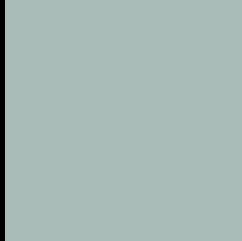
Large Text (above 18pt) WCAG AA × Fail

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 42.8926, 47.8204, 51.7693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

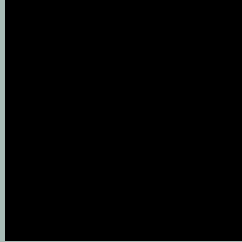
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

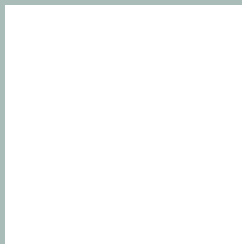
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8926, 47.8204, 51.7693

Background



This preview shows how black text looks on a background with the XYZ color 42.8926, 47.8204, 51.7693.



This preview shows how white text looks on a background with the XYZ color 42.8926, 47.8204,

51.7693.

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

42.8926, 47.8204, 51.7693

Protanopia

45.9107, 47.8536, 49.9969

Deuteranopia

48.4968, 47.6229, 52.5350



Tritanopia

44.7875, 47.6387, 61.4782

Trichromacy



Original Color

42.8926, 47.8204, 51.7693

Protanomaly

44.7455, 47.8579, 50.5952

Deuteranomaly

46.3659, 47.7354, 52.1175

Tritanomaly

44.0911, 47.6708, 57.9165

Monochromacy



Original Color

42.8926, 47.8204, 51.7693

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7154, 47.0055, 51.0249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8926, 47.8204, 51.7693 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.8926, 47.8204, 51.7693 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, 183) }
```


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

```
.border{ border-color:rgb(169, 188, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8926, 47.8204, 51.7693 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, 183) }
```

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

```
.background{ background-color: rgb(169,  
188, 183) }
```

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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