

Converting Colors

XYZ(42.7065, 47.5005, 50.7329)

Have a look what the booklet for
XYZ(42.7065, 47.5005, 50.7329)
contains.

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Color

**XYZ(42.6884, 47.4229,
50.6197)**

Conversions

Conversions Part 1

Format	Color
Hex	AABBB5
RGB	170, 187, 181
RGB Percent	67%, 73%, 71%
CMY	0.3333, 0.2667, 0.2902
CMYK	0.09, 0.00, 0.03, 0.27
HSL	159°, 11%, 70%
HSV	159°, 9%, 73%
XYZ	42.6884, 47.4229, 50.6197
YIQ	181.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

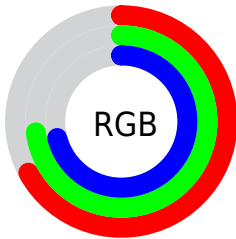
Format	Color
RYB	170, 180, 187
Decimal	11189173
CIELab	74.46, -7.00, 1.03
CIElCh	74, 7.079, 171.638
Yxy	47.4229, 0.3033, 0.3370
Android (android.graphics.Color)	4289379253 (0xFFAABBB5)
YUV	181.2330, -0.1149, -9.8513
Hunter-Lab	68.8643, -9.8618, 4.6230

Details

The XYZ color **42.6884, 47.4229, 50.6197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.7065, 42.4501, 47.0194**, and the grayscale version is **44.0519, 46.3461, 50.4709**.

A 20% lighter version of the original color is **78.3880, 86.2232, 92.6320**, and **19.8926, 22.4603, 23.7089** is the 20% darker color. If you saturate the color by 10%, you get **38.2686, 45.2222, 46.9605**, and if you desaturate by 10%, it is **47.7180, 49.9369, 54.4770**.

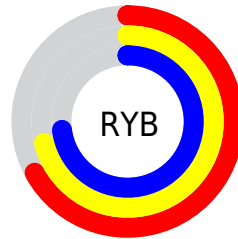
Distribution



Red (67%)

Green (73%)

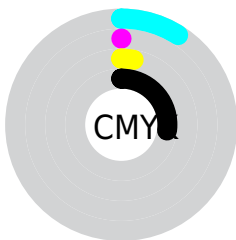
Blue (71%)



Red (67%)

Yellow (71%)

Blue (73%)

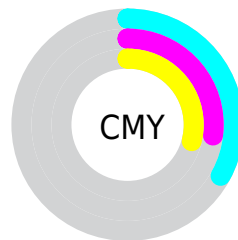


Cyan (9%)

Magenta (0%)

Yellow (3%)

Black (27%)



Cyan (33%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6884, 47.4229, 50.6197 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 42.6884, 47.4229, 50.6197 by changing the saturation by 10% instead.

■ 42.6884, 47.4229,
50.6197

■ 42.6884, 47.4229,
50.6197

348.2720,
376.5001, 405.8887

■ 29.8342, 33.3701,
35.5314

■ 78.4991, 86.3445,
92.4981

■ 19.8602, 22.4101,
23.7857

102.1862,
111.9822, 120.1253

■ 12.4011, 14.1586,
14.9640

130.2151,
142.2502, 152.7693

■ 7.0916, 8.2310,
8.6478

162.9510,
177.5330, 190.8485

■ 3.5663, 4.2431,
4.4185

200.7592,
218.2150, 234.7815

■ 1.4598, 1.8105,
1.8576

244.0053,

■ 0.2983, 0.4937,

264.6806, 284.9868

0.4656

293.0544,
317.3141, 341.8831

■ 0.0000, 0.0000,
0.0000

■ 42.6884, 47.4229,
50.6197

■ 42.6884, 47.4229,
50.6197

■ 38.2686, 45.2222,
46.9605

■ 47.7180, 49.9369,
54.4770

■ 34.4301, 43.3161,
43.4929

■ 53.3766, 52.7702,
58.5326

■ 31.1479, 41.6932,
40.2143

■ 59.6875, 55.9358,
62.7908

■ 28.3935, 40.3389,
37.1210

■ 66.6715, 59.4446,
67.2547

■ 26.1361, 39.2373,
34.2090

■ 71.1504, 61.6581,
71.7778

■ 24.3411, 38.3706,
31.4744

■ 72.0111, 62.0024,
76.3099

■ 22.9698, 37.7189,
28.9126

■ 72.9063, 62.3605,
81.0242

■ 21.9763, 37.2587,
26.5190

■ 73.8365, 62.7326,
85.9226

■ 21.2794, 36.9482,
24.2869

■ 74.8021, 63.1188,
91.0071

Harmonies

Analogous

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



43.1762, 47.4229, 47.3935



42.6884, 47.4229, 50.6197



42.8302, 47.4229, 54.2719

Triad

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



42.6884, 47.4229, 50.6197



45.9854, 47.4229, 58.4509



46.6150, 47.4229, 46.3161

Complementary

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



42.6884, 47.4229, 50.6197



42.7065, 42.4501, 47.0194

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.



47.3949, 47.4229, 49.0859



42.6884, 47.4229, 50.6197



47.0267, 47.4229, 56.1233

Square

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



42.6884, 47.4229, 50.6197



44.7180, 47.4229, 58.9091



47.5470, 47.4229, 52.6648



45.4320, 47.4229, 44.9867

Rectangle

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



42.6884, 47.4229, 50.6197



43.2640, 47.4229, 56.4495



47.5470, 47.4229, 52.6648



46.9339, 47.4229, 47.1032

Sweetspot

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



42.6897, 47.4249, 50.6207



81.7631, 87.5849, 94.7885



42.9849, 47.7024, 44.9729



17.8438, 19.2068, 20.7505



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.



42.6897, 47.4249, 50.6207



74.7136, 84.0658, 89.2611



42.8420, 46.7223, 53.7764



9.6616, 10.7508, 11.4677



14.6562, 25.4528, 16.7844



0.6041, 1.0090, 0.8153

Inverse Universe

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



42.7065, 42.4501, 47.0194



74.7500, 73.2666, 81.4437



42.5541, 43.0750, 44.1024



9.6655, 9.5905, 10.6278



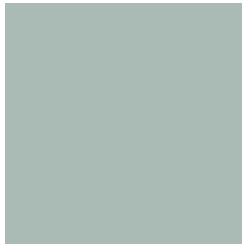
14.8296, 7.5630, 4.3962



0.6124, 0.3088, 0.3380

Previews

White Background



This preview shows how the XYZ color 42.6884, 47.4229, 50.6197 looks on a white background.

Color Contrast Check

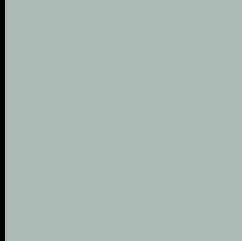
Large Text (above 18pt) WCAG AA × Fail

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 42.6884, 47.4229, 50.6197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

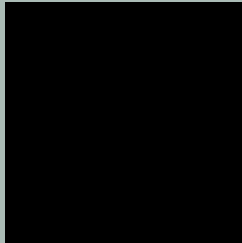
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6884, 47.4229, 50.6197

Background



This preview shows how black text looks on a background with the XYZ color 42.6884, 47.4229, 50.6197.



This preview shows how white text looks on a background with the XYZ color 42.6884, 47.4229,

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

42.6884, 47.4229, 50.6197

Protanopia

45.2573, 47.2350, 48.8514

Deuteranopia

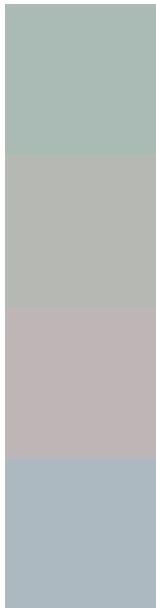
48.0888, 47.1425, 51.3646



Tritanopia

44.6829, 47.2887, 60.8054

Trichromacy



Original Color

42.6884, 47.4229, 50.6197

Protanomaly

44.3332, 47.3594, 49.4525

Deuteranomaly

45.9536, 47.2440, 50.9529

Tritanomaly

43.8766, 47.2744, 56.6815

Monochromacy



Original Color

42.6884, 47.4229, 50.6197

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4054, 46.5503, 50.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6884, 47.4229, 50.6197 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(170, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(170, 187, 181)  
}
```

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(170, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 187, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.6884, 47.4229, 50.6197 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(170, 187, 181) }
```


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

```
.border{ border-color:rgb(170, 187, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(170, 187,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6884, 47.4229, 50.6197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 187, 181) }
```

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

```
.background{ background-color: rgb(170,  
187, 181) }
```

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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