

Converting Colors

XYZ(42.6298, 47.6323, 54.1027)

Have a look what the booklet for
XYZ(42.6298, 47.6323, 54.1027)
contains.

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Color

**XYZ(42.6787, 47.6613,
53.9638)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BCBB
RGB	166, 188, 187
RGB Percent	65%, 74%, 73%
CMY	0.3490, 0.2627, 0.2667
CMYK	0.12, 0.00, 0.01, 0.26
HSL	177°, 14%, 69%
HSV	177°, 12%, 74%
XYZ	42.6787, 47.6613, 53.9638
YIQ	181.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

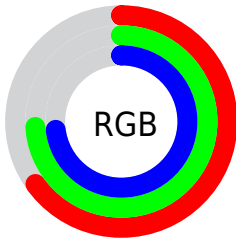
Format	Color
RYB	166, 177, 188
Decimal	10927291
CIELab	74.61, -7.69, -2.05
CIELCh	75, 7.954, 194.928
Yxy	47.6613, 0.2958, 0.3303
Android (android.graphics.Color)	4289117371 (0xFFA6BCBB)
YUV	181.3080, 2.8062, -13.4251
Hunter-Lab	69.0372, -10.4665, 1.9812

Details

The XYZ color **42.6787, 47.6613, 53.9638** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3520, 40.7550, 42.2483**, and the grayscale version is **44.0790, 46.3745, 50.5018**.

A 20% lighter version of the original color is **78.3471, 86.5446, 97.3695**, and **19.9065, 22.6266, 25.8724** is the 20% darker color. If you saturate the color by 10%, you get **38.9311, 45.7412, 53.3119**, and if you desaturate by 10%, it is **47.0057, 49.8826, 54.6477**.

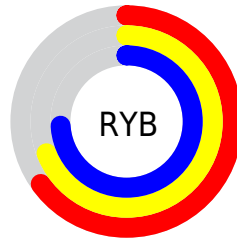
Distribution



Red (65%)

Green (74%)

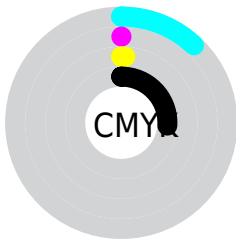
Blue (73%)



Red (65%)

Yellow (69%)

Blue (74%)

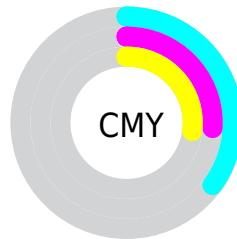


Cyan (12%)

Magenta (0%)

Yellow (1%)

Black (26%)



Cyan (35%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6787, 47.6613, 53.9638 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 42.6787, 47.6613, 53.9638 by changing the saturation by 10% instead.

■ 42.6787, 47.6613,
53.9638

■ 42.6787, 47.6613,
53.9638

348.2327,
377.4480, 419.1427

■ 29.8265, 33.5587,
38.1797

■ 78.4845, 86.6999,
97.4770

■ 19.8544, 22.5548,
25.8193

■ 102.1689,
112.4047, 126.0431

■ 12.3969, 14.2651,
16.4640

130.1947,
142.7458, 159.7071

■ 7.0887, 8.3053,
9.6952

162.9273,
178.1074, 198.8874

■ 3.5645, 4.2909,
5.0944

200.7320,
218.8741, 244.0026

■ 1.4588, 1.8376,
2.2430

243.9743,

■ 0.2975, 0.5104,

265.4301, 295.4711

0.6990

293.0194,
318.1600, 353.7117

■ 0.0000, 0.0000,
0.0000

■ 42.6787, 47.6613,
53.9638

■ 42.6787, 47.6613,
53.9638

■ 38.9311, 45.7412,
53.3119

■ 47.0057, 49.8826,
54.6477

■ 35.7339, 44.1035,
52.6875

■ 51.9315, 52.4112,
55.3615

■ 33.0618, 42.7364,
52.0906

■ 57.4794, 55.2605,
56.1073

■ 30.8858, 41.6250,
51.5198

■ 63.6704, 58.4413,
56.8861

■ 29.1743, 40.7530,
50.9735

■ 68.6596, 61.0025,
57.6114

■ 27.8917, 40.1021,
50.4501

■ 68.7544, 61.0404,
58.1107

■ 26.9977, 39.6514,
49.9478

■ 68.8498, 61.0785,
58.6128

■ 26.4440, 39.3761,
49.4642

■ 68.9457, 61.1169,
59.1179

■ 26.1648, 39.2405,
49.0736

■ 69.0422, 61.1555,
59.6258

Harmonies

Analogous

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



42.6804, 47.6613, 49.8611



42.6787, 47.6613, 53.9638



43.3693, 47.6613, 57.6964

Triad

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



42.6787, 47.6613, 53.9638



47.2834, 47.6613, 57.7115



46.0241, 47.6613, 44.6116

Complementary

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



42.6787, 47.6613, 53.9638



41.3520, 40.7550, 42.2483

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.



47.2885, 47.6613, 46.4962



42.6787, 47.6613, 53.9638



48.0259, 47.6613, 53.9835

Square

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



42.6787, 47.6613, 53.9638



46.0173, 47.6613, 59.9367



48.0278, 47.6613, 49.8799



44.5914, 47.6613, 44.6069

Rectangle

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



42.6787, 47.6613, 53.9638



44.1379, 47.6613, 59.4106



48.0278, 47.6613, 49.8799



46.4836, 47.6613, 45.0416

Sweetspot

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



42.6801, 47.6633, 53.9649



83.2384, 89.4006, 98.7386



40.8250, 46.9480, 42.9872



17.7688, 19.1579, 21.2130



90.7827, 95.5105, 104.0109



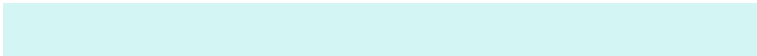
18.6292, 19.5994, 21.3438

Same Dimension

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



42.6801, 47.6633, 53.9649



75.5345, 85.4486, 97.4945



40.7446, 43.6199, 53.8514



9.7893, 10.8018, 12.1399



17.8212, 26.7187, 33.4506



0.7039, 1.0489, 1.3411

Inverse Universe

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



41.3520, 40.7550, 42.2483



72.6587, 70.4889, 72.1233



43.1294, 44.4576, 42.3851



9.5473, 9.5432, 10.0052



14.1597, 7.2950, 0.8687



0.5607, 0.2882, 0.0661

Previews

White Background



This preview shows how the XYZ color 42.6787, 47.6613, 53.9638 looks on a white background.

Color Contrast Check

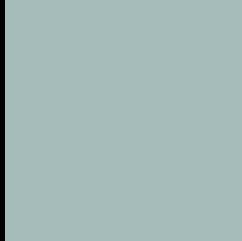
Large Text (above 18pt) WCAG AA × Fail

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 42.6787, 47.6613, 53.9638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

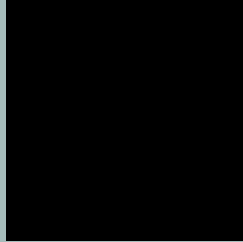
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6787, 47.6613, 53.9638

Background



This preview shows how black text looks on a background with the XYZ color 42.6787, 47.6613, 53.9638.



This preview shows how white text looks on a background with the XYZ color 42.6787, 47.6613,

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

42.6787, 47.6613, 53.9638

Protanopia

45.6294, 47.3557, 52.0830

Deuteranopia

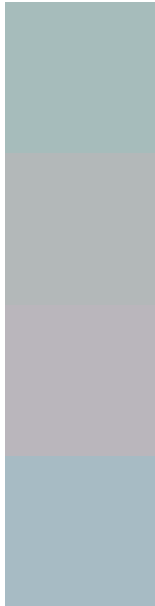
48.3944, 47.5207, 54.7659



Tritanopia

44.2500, 47.6597, 62.1254

Trichromacy



Original Color

42.6787, 47.6613, 53.9638

Protanomaly

44.4879, 47.3675, 52.6970

Deuteranomaly

46.0547, 47.5258, 54.3230

Tritanomaly

43.6705, 47.7417, 59.1379

Monochromacy



Original Color

42.6787, 47.6613, 53.9638

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.5922, 46.9300, 51.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6787, 47.6613, 53.9638 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(166, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(166, 188, 187)  
}
```

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(166, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 42.6787, 47.6613, 53.9638 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(166, 188, 187) }
```


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

```
.border{ border-color:rgb(166, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(166, 188,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6787, 47.6613, 53.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 188, 187) }
```

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

```
.background{ background-color: rgb(166,  
188, 187) }
```

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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