

Converting Colors

XYZ(42.7755, 47.2097, 53.6566)

Have a look what the booklet for
XYZ(42.7755, 47.2097, 53.6566)
contains.

XYZ(42.6770, 47.0305, 53.8422)	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(42.6770, 47.0305,
53.8422)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BABB
RGB	168, 186, 187
RGB Percent	66%, 73%, 73%
CMY	0.3412, 0.2706, 0.2667
CMYK	0.10, 0.01, 0.00, 0.27
HSL	183°, 12%, 70%
HSV	183°, 10%, 73%
XYZ	42.6770, 47.0305, 53.8422
YIQ	180.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

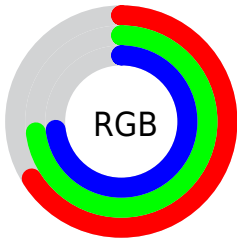
Format	Color
R_{YB}	168, 177, 187
Decimal	11057851
CIE _{Lab}	74.21, -5.96, -2.62
CIE _{LCh}	74, 6.511, 203.749
Yxy	47.0305, 0.2973, 0.3276
Android (android.graphics.Color)	4289247931 (0xFFA8BABB)
YUV	180.7320, 3.0901, -11.1660
Hunter-Lab	68.5788, -8.9312, 1.4557

Details

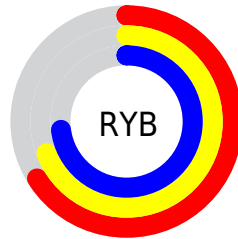
The XYZ color **42.6770, 47.0305, 53.8422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7496, 41.7677, 42.9081**, and the grayscale version is **43.7655, 46.0447, 50.1427**.

A 20% lighter version of the original color is **78.3612, 85.6633, 97.1986**, and **19.8931, 22.2093, 25.7926** is the 20% darker color. If you saturate the color by 10%, you get **38.7730, 44.7133, 53.6014**, and if you desaturate by 10%, it is **47.1577, 49.6497, 54.1123**.

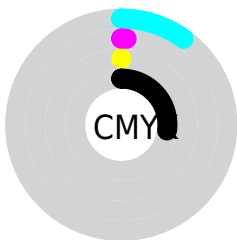
Distribution



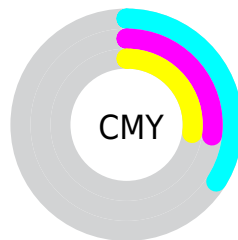
- Red (66%)
- Green (73%)
- Blue (73%)



- Red (66%)
- Yellow (69%)
- Blue (73%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6770, 47.0305, 53.8422 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 42.6770, 47.0305, 53.8422 by changing the saturation by 10% instead.

■ 42.6770, 47.0305,
53.8422

■ 42.6770, 47.0305,
53.8422

348.2258,
374.9363, 418.6656

■ 29.8252, 33.0598,
38.0832

■ 78.4820, 85.7591,
97.2966

■ 19.8534, 22.1722,
25.7449

■ 102.1658,
111.2859, 125.8290

■ 12.3961, 13.9835,
16.4089

130.1911,
141.4333, 159.4564

■ 7.0882, 8.1092,
9.6565

162.9231,
176.5860, 198.5972

■ 3.5641, 4.1649,
5.0692

200.7272,
217.1282, 243.6700

■ 1.4586, 1.7662,
2.2285

243.9688,

■ 0.2974, 0.4660,

263.4444, 295.0933

0.6907

293.0132,
315.9190, 353.2856

■ 0.0000, 0.0000,
0.0000

■ 42.6770, 47.0305,
53.8422

■ 42.6770, 47.0305,
53.8422

■ 38.7730, 44.7133,
53.6014

■ 47.1577, 49.6497,
54.1123

■ 35.4173, 42.6795,
53.3857

■ 52.2338, 52.5767,
54.4098

■ 32.5851, 40.9178,
53.1950

■ 57.9284, 55.8246,
54.7365

■ 30.2483, 39.4135,
53.0278

■ 64.2620, 59.4040,
55.0936

■ 28.3761, 38.1508,
52.8827

■ 68.8213, 62.0709,
55.3681

■ 26.9341, 37.1120,
52.7582

■ 69.0359, 62.5002,
55.4396

■ 25.8833, 36.2769,
52.6524

■ 69.2520, 62.9324,
55.5116

■ 25.1775, 35.6218,
52.5632

■ 69.4695, 63.3674,
55.5842

■ 24.7288, 35.1059,
52.4872

■ 69.6885, 63.8053,
55.6571

Harmonies

Analogous

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



42.5058, 47.0305, 50.5112



42.6770, 47.0305, 53.8422



43.3863, 47.0305, 56.5716

Triad

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



42.6770, 47.0305, 53.8422



46.5366, 47.0305, 55.1060



44.9460, 47.0305, 45.0776

Complementary

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



42.6770, 47.0305, 53.8422



41.7496, 41.7677, 42.9081

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.



46.0421, 47.0305, 46.1950



42.6770, 47.0305, 53.8422



46.9707, 47.0305, 51.9116

Square

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



42.6770, 47.0305, 53.8422



45.6116, 47.0305, 57.3232



46.7882, 47.0305, 48.6616



43.8028, 47.0305, 45.5443

Rectangle

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



42.6770, 47.0305, 53.8422



44.0756, 47.0305, 57.6339



46.7882, 47.0305, 48.6616



45.3324, 47.0305, 45.2788

Sweetspot

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



42.6784, 47.0325, 53.8432



82.0328, 87.5111, 96.7691



41.0763, 46.7290, 44.3669



17.9188, 19.1862, 21.3015



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.



42.6784, 47.0325, 53.8432



74.9311, 83.3464, 96.3396



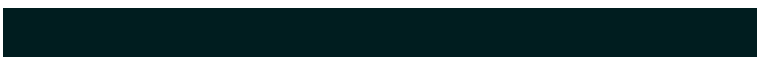
40.7523, 43.1803, 53.2012



9.7645, 10.7214, 12.2270



17.0550, 24.2216, 36.1693



0.6813, 0.9753, 1.4212

Inverse Universe

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



43.3601, 42.1162, 52.3006



76.3794, 72.9350, 93.0555



43.5723, 45.4129, 43.5156



9.9077, 9.6874, 11.9032



19.6093, 9.4749, 29.5660



0.7748, 0.3738, 1.1933

Previews

White Background



This preview shows how the XYZ color 42.6770, 47.0305, 53.8422 looks on a white background.

Color Contrast Check

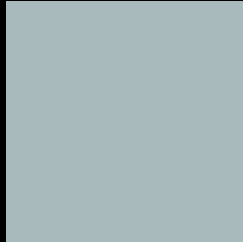
Large Text (above 18pt) WCAG AA × Fail

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 42.6770, 47.0305, 53.8422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

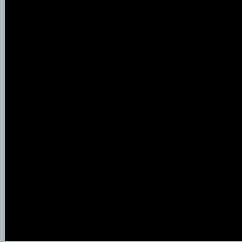
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

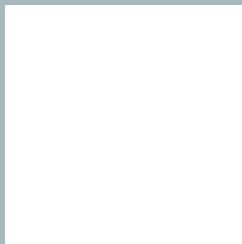
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6770, 47.0305, 53.8422

Background



This preview shows how black text looks on a background with the XYZ color 42.6770, 47.0305, 53.8422.

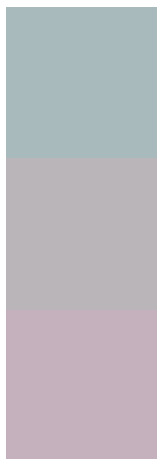


This preview shows how white text looks on a background with the XYZ color 42.6770, 47.0305,

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

42.6770, 47.0305, 53.8422

Protanopia

45.1832, 46.8227, 52.0037

Deuteranopia

47.9334, 46.9887, 54.6875



Tritanopia

44.0269, 46.9505, 60.7747

Trichromacy



Original Color

42.6770, 47.0305, 53.8422

Protanomaly

44.2808, 46.9535, 52.6280

Deuteranomaly

45.6481, 46.7125, 54.1874

Tritanomaly

43.5615, 47.0731, 58.4198

Monochromacy



Original Color

42.6770, 47.0305, 53.8422

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3852, 46.5160, 51.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6770, 47.0305, 53.8422 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(168, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 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(168, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 187) }
```

Border

The CSS property to change the border of an element to XYZ 42.6770, 47.0305, 53.8422 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(168, 186, 187) }
```


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

```
.border{ border-color:rgb(168, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(168, 186,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6770, 47.0305, 53.8422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 187) }
```

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

```
.background{ background-color: rgb(168,  
186, 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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