

Converting Colors

XYZ(38.6875, 44.2898, 56.3789)

Have a look what the booklet for
XYZ(38.6875, 44.2898, 56.3789)
contains.

XYZ(38.6875, 44.2898, 56.3789)	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(38.6875, 44.2898,
56.3789)**

Conversions

Conversions Part 1

Format	Color
Hex	93B8C0
RGB	147, 184, 192
RGB Percent	58%, 72%, 75%
CMY	0.4235, 0.2784, 0.2471
CMYK	0.23, 0.04, 0.00, 0.25
HSL	191°, 26%, 66%
HSV	191°, 23%, 75%
XYZ	38.6875, 44.2898, 56.3789
YIQ	173.8490, -24.6200, -5.3560

Conversions

Conversions Part 2

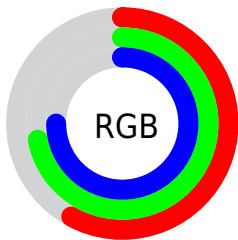
Format	Color
R_{YB}	147, 167, 192
Decimal	9681088
CIE _{Lab}	72.42, -10.58, -8.15
CIE _{LCh}	72, 13.353, 217.613
Yxy	44.2898, 0.2776, 0.3178
Android (android.graphics.Color)	4287871168 (0xFF93B8C0)
YUV	173.8490, 8.9484, -23.5466
Hunter-Lab	66.5506, -12.6971, -3.6426

Details

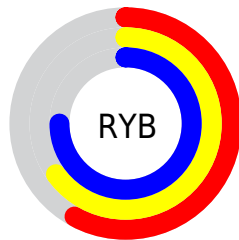
The XYZ color **38.6875, 44.2898, 56.3789** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7264, 36.7558, 32.6580**, and the grayscale version is **40.1202, 42.2096, 45.9662**.

A 20% lighter version of the original color is **72.4605, 81.6540, 100.7487**, and **17.4958, 20.5296, 27.4666** is the 20% darker color. If you saturate the color by 10%, you get **34.8278, 41.2615, 55.9985**, and if you desaturate by 10%, it is **43.1416, 47.6521, 56.7939**.

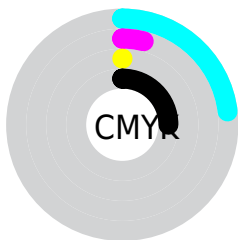
Distribution



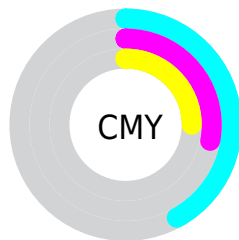
- Red (58%)
- Green (72%)
- Blue (75%)



- Red (58%)
- Yellow (65%)
- Blue (75%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6875, 44.2898, 56.3789 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 38.6875, 44.2898, 56.3789 by changing the saturation by 10% instead.

■ 38.6875, 44.2898,
56.3789

■ 38.6875, 44.2898,
56.3789

331.7901,
363.8896, 428.5462

■ 26.6963, 30.8984,
40.1008

■ 72.4578, 81.6536,
101.0497

■ 17.4807, 20.5215,
27.3027

■ 94.9677, 106.3949,
130.2794

■ 10.6752, 12.7747,
17.5663

121.7145,
135.6882, 164.6634

■ 5.9146, 7.2736,
10.4728

153.0636,
169.9180, 204.6201

■ 2.8334, 3.6338,
5.6039

189.3804,
209.4686, 250.5683

■ 1.0663, 1.4709,
2.5409

231.0301,

■ 0.0000, 0.2681,

254.7245, 302.9263

0.8617

278.3783,
306.0700, 362.1128

■ 0.0000, 0.0000,
0.0000

■ 38.6875, 44.2898,
56.3789

■ 38.6875, 44.2898,
56.3789

■ 34.8278, 41.2615,
55.9985

■ 43.1416, 47.6521,
56.7939

■ 31.5299, 38.5469,
55.6484

■ 48.2127, 51.3570,
57.2417

■ 28.7641, 36.1317,
55.3280

■ 53.9272, 55.4193,
57.7246

■ 26.4962, 33.9980,
55.0357

■ 60.3087, 59.8513,
58.2437

■ 24.6880, 32.1259,
54.7696

■ 67.3795, 64.6648,
58.8002

■ 23.2955, 30.4927,
54.5278

■ 72.4612, 68.4790,
59.2685

■ 22.2659, 29.0708,
54.3076

■ 73.2836, 70.1240,
59.5427

■ 21.7206, 28.2179,
54.1717

■ 74.1240, 71.8047,
59.8228

■ 74.9824, 73.5215,
60.1090

Harmonies

Analogous

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



37.8610, 44.2898, 49.9224



38.6875, 44.2898, 56.3789



40.4333, 44.2898, 60.9155

Triad

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



38.6875, 44.2898, 56.3789



46.3213, 44.2898, 53.2131



41.5126, 44.2898, 36.7227

Complementary

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



38.6875, 44.2898, 56.3789



38.7264, 36.7558, 32.6580

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.



43.8039, 44.2898, 37.4305



38.6875, 44.2898, 56.3789



46.6359, 44.2898, 46.5646

Square

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



38.6875, 44.2898, 56.3789



44.8548, 44.2898, 58.9747



45.6993, 44.2898, 40.8961



39.4530, 44.2898, 38.8664

Rectangle

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



38.6875, 44.2898, 56.3789



41.9121, 44.2898, 62.0253



45.6993, 44.2898, 40.8961



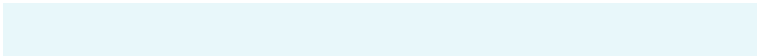
42.2807, 44.2898, 36.6388

Sweetspot

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



38.6888, 44.2916, 56.3799



83.8475, 90.5137, 103.4119



36.7575, 46.2529, 37.7818



17.8672, 19.3301, 22.1747



92.9021, 97.7402, 106.4391



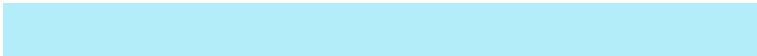
19.4759, 20.4902, 22.3138

Same Dimension

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



38.6888, 44.2916, 56.3799



66.4641, 77.4281, 101.8024



34.4682, 35.8503, 54.9730



10.2114, 11.1141, 12.8919



14.6668, 19.0902, 36.4684



0.6745, 0.9064, 1.5893

Inverse Universe

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



40.8247, 35.5355, 50.0568



71.0492, 59.0606, 88.1320



42.7276, 44.7581, 33.9918



10.4180, 10.2158, 12.2917



18.7991, 9.2094, 22.6520



0.8328, 0.4061, 1.0872

Previews

White Background



This preview shows how the XYZ color 38.6875, 44.2898, 56.3789 looks on a white background.

Color Contrast Check

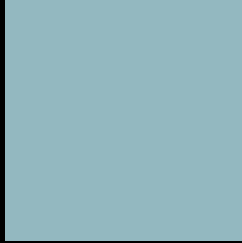
Large Text (above 18pt) WCAG AA × Fail

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 38.6875, 44.2898, 56.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

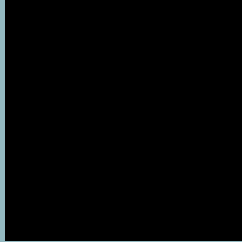
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6875, 44.2898, 56.3789

Background



This preview shows how black text looks on a background with the XYZ color 38.6875, 44.2898, 56.3789.



This preview shows how white text looks on a background with the XYZ color 38.6875, 44.2898,

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

38.6875, 44.2898, 56.3789

Protanopia

42.6264, 43.9856, 53.2571

Deuteranopia

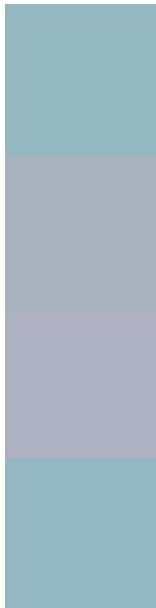
44.7398, 43.8392, 57.1427



Tritanopia

39.3393, 44.2401, 59.8919

Trichromacy



Original Color

38.6875, 44.2898, 56.3789

Protanomaly

41.0313, 44.0213, 54.4785

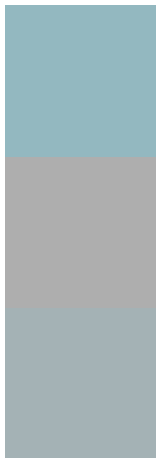
Deuteranomaly

42.1642, 43.6716, 56.6592

Tritanomaly

39.1100, 44.1484, 58.6847

Monochromacy



Original Color

38.6875, 44.2898, 56.3789

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.5707, 43.0695, 49.9437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6875, 44.2898, 56.3789 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(147, 184, 192)` looks like.

```
.text, #text, p{  
    color:rgb(147, 184, 192)  
}
```

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(147, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 184, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.6875, 44.2898, 56.3789 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(147, 184, 192) }
```


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

```
.border{ border-color:rgb(147, 184, 192) }
```

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

Here you see how a box with a 4 pixel rgb(147, 184, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(147, 184,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6875, 44.2898, 56.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 184, 192) }
```

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

```
.background{ background-color: rgb(147,  
184, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor