

Converting Colors

XYZ(48.5524, 62.2051, 60.7076)

Have a look what the booklet for
XYZ(48.5524, 62.2051, 60.7076)
contains.

XYZ(48.5430, 62.2833, 60.5023)	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(48.5430, 62.2833,
60.5023)**

Conversions

Conversions Part 1

Format	Color
Hex	98DDC2
RGB	152, 221, 194
RGB Percent	60%, 87%, 76%
CMY	0.4039, 0.1333, 0.2392
CMYK	0.31, 0.00, 0.12, 0.13
HSL	157°, 50%, 73%
HSV	157°, 31%, 87%
XYZ	48.5430, 62.2833, 60.5023
YIQ	197.2910, -32.4570, -23.0250

Conversions

Conversions Part 2

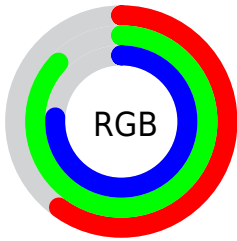
Format	Color
RYB	152, 195, 221
Decimal	10018242
CIELab	83.06, -27.33, 6.37
CIELCh	83, 28.065, 166.871
Yxy	62.2833, 0.2833, 0.3635
Android (android.graphics.Color)	4288208322 (0xFF98DDC2)
YUV	197.2910, -1.6225, -39.7202
Hunter-Lab	78.9198, -28.3155, 9.7903

Details

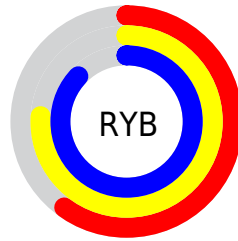
The XYZ color **48.5430, 62.2833, 60.5023** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.1859, 41.0850, 47.9884**, and the grayscale version is **53.2717, 56.0460, 61.0341**.

A 20% lighter version of the original color is **79.0277, 91.8320, 104.0026**, and **23.4068, 31.7626, 29.7081** is the 20% darker color. If you saturate the color by 10%, you get **43.8428, 59.9709, 55.3594**, and if you desaturate by 10%, it is **54.0739, 65.0207, 65.9819**.

Distribution



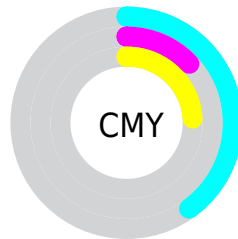
- Red (60%)
- Green (87%)
- Blue (76%)



- Red (60%)
- Yellow (76%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)





- Cyan (40%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5430, 62.2833, 60.5023 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 48.5430, 62.2833, 60.5023 by changing the saturation by 10% instead.


 48.5430, 62.2833,
60.5023


 48.5430, 62.2833,
60.5023


371.4873,
432.9637, 444.3027

 34.4701, 45.2617,
43.3957


 87.2171, 108.1349,
107.1085

 23.4196, 31.6636,
29.8620

 112.5491,
137.7336, 137.4451

 15.0260, 21.1047,
19.4827


142.3649,
172.2934, 173.0288

 8.9241, 13.2005,
11.8393

177.0297,
212.1988, 214.2782

 4.7484, 7.5668,
6.5131

216.9090,
257.8342, 261.6117

 2.1336, 3.8190,
3.0857

262.3682,

 0.7074, 1.5728,

309.5838, 315.4479

1.1386

313.7725,
367.8322, 376.2054

■ 0.0000, 0.3392,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5430, 62.2833,
60.5023

■ 48.5430, 62.2833,
60.5023

■ 43.8428, 59.9709,
55.3594

■ 54.0739, 65.0207,
65.9819

■ 39.9242, 58.0534,
50.5419

■ 60.4709, 68.1963,
71.8007

■ 36.7409, 56.5086,
46.0439

■ 67.7733, 71.8319,
77.9666

■ 34.2395, 55.3091,
41.8576

■ 76.0167, 75.9458,
84.4859

■ 32.3584, 54.4234,
37.9748

■ 82.4194, 79.1038,
91.2329

■ 31.0247, 53.8139,
34.3865

■ 83.7157, 79.6223,
98.0593

■ 30.1968, 53.4508,
31.4697

■ 85.0738, 80.1656,
105.2112

■ 85.1475, 80.1951,
105.5992

Harmonies

Analogous

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



51.0817, 62.2833, 47.4331



48.5430, 62.2833, 60.5023



48.7160, 62.2833, 77.9876

Triad

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



48.5430, 62.2833, 60.5023



62.6510, 62.2833, 105.1007



67.5423, 62.2833, 46.2274

Complementary

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



48.5430, 62.2833, 60.5023



49.1859, 41.0850, 47.9884

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.



71.0860, 62.2833, 58.5696



48.5430, 62.2833, 60.5023



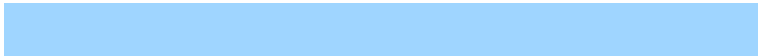
68.1324, 62.2833, 93.3333

Square

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



48.5430, 62.2833, 60.5023



56.5864, 62.2833, 105.8590



71.3090, 62.2833, 75.6964



61.8896, 62.2833, 40.1919

Rectangle

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



48.5430, 62.2833, 60.5023



50.3428, 62.2833, 89.9165



71.3090, 62.2833, 75.6964



69.0360, 62.2833, 49.6704

Sweetspot

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



48.5447, 62.2859, 60.5037



85.6924, 95.3392, 101.0898



50.2554, 63.6379, 39.3415



18.0390, 20.2560, 21.3751



0.0000, 0.0000, 0.0000



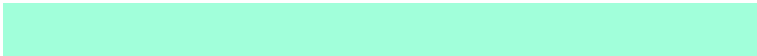
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5447, 62.2859, 60.5037



63.0526, 84.1268, 79.2979



50.0740, 60.0421, 77.3596



13.2178, 14.7387, 15.6098



17.5982, 31.0719, 18.5814



1.1820, 2.0297, 1.4242

Inverse Universe

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



49.1859, 41.0850, 47.9884



64.0675, 50.6851, 59.5742



47.8692, 42.4028, 35.3685



13.2660, 13.1355, 14.6618



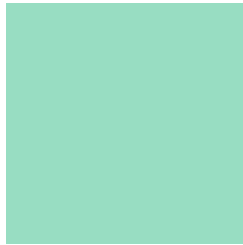
18.3612, 9.3455, 6.2821



1.2311, 0.6221, 0.6258

Previews

White Background



This preview shows how the XYZ color 48.5430, 62.2833, 60.5023 looks on a white background.

Color Contrast Check

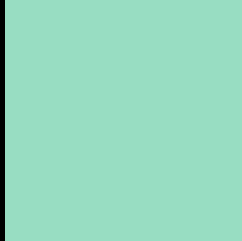
Large Text (above 18pt) WCAG AA × Fail

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 48.5430, 62.2833, 60.5023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

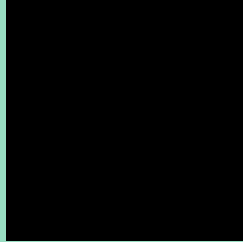
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5430, 62.2833, 60.5023

Background



This preview shows how black text looks on a background with the XYZ color 48.5430, 62.2833, 60.5023.

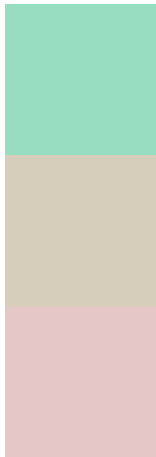


This preview shows how white text looks on a background with the XYZ color 48.5430, 62.2833, 60.5023.

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

48.5430, 62.2833, 60.5023

Protanopia

58.4258, 61.5040, 55.2465

Deuteranopia

63.0453, 61.6284, 62.6055



Tritanopia

53.5056, 61.9577, 86.2298

Trichromacy



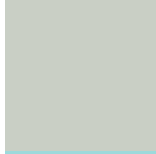
Original Color

48.5430, 62.2833, 60.5023



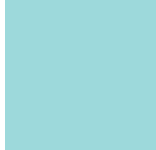
Protanomaly

53.9654, 61.3390, 57.1394



Deuteranomaly

56.4783, 61.0744, 61.6351



Tritanomaly

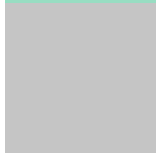
51.5037, 61.9083, 76.2528

Monochromacy



Original Color

48.5430, 62.2833, 60.5023



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

51.0912, 57.9519, 60.7176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5430, 62.2833, 60.5023 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(152, 221, 194)` looks like.

```
.text, #text, p{  
    color:rgb(152, 221, 194)  
}
```

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(152, 221, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 221, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.5430, 62.2833, 60.5023 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(152, 221, 194) }
```


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

```
.border{ border-color:rgb(152, 221, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 221, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 221, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 221, 194); box-shadow:4px 4px 4px 4px rgb(152, 221, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5430, 62.2833, 60.5023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 221, 194) }
```

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

```
.background{ background-color: rgb(152,  
221, 194) }
```

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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