

Converting Colors

XYZ(48.2102, 58.2358, 61.9547)

Have a look what the booklet for
XYZ(48.2102, 58.2358, 61.9547)
contains.

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Color

**XYZ(48.1853, 58.2428,
62.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D3C6
RGB	161, 211, 198
RGB Percent	63%, 83%, 78%
CMY	0.3686, 0.1725, 0.2235
CMYK	0.24, 0.00, 0.06, 0.17
HSL	164°, 36%, 73%
HSV	164°, 24%, 83%
XYZ	48.1853, 58.2428, 62.1284
YIQ	194.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

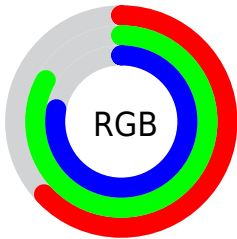
Format	Color
RYB	161, 190, 211
Decimal	10605510
CIELab	80.87, -18.87, 1.14
CIElCh	81, 18.909, 176.548
Yxy	58.2428, 0.2859, 0.3455
Android (android.graphics.Color)	4288795590 (0xFFA1D3C6)
YUV	194.5680, 1.6920, -29.4391
Hunter-Lab	76.3170, -20.8527, 5.1549

Details

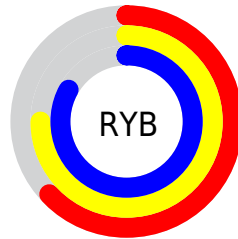
The XYZ color **48.1853, 58.2428, 62.1284** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2509, 42.3963, 45.7399**, and the grayscale version is **51.6174, 54.3055, 59.1387**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **23.1069, 28.9787, 30.7611** is the 20% darker color. If you saturate the color by 10%, you get **43.6656, 55.9861, 58.6735**, and if you desaturate by 10%, it is **53.4488, 60.8833, 65.7402**.

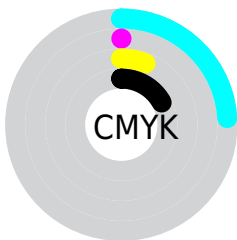
Distribution



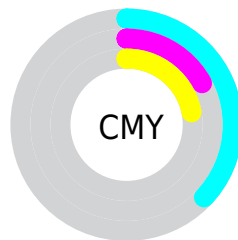
- Red (63%)
- Green (83%)
- Blue (78%)



- Red (63%)
- Yellow (75%)
- Blue (83%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (37%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1853, 58.2428, 62.1284 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 48.1853, 58.2428, 62.1284 by changing the saturation by 10% instead.

■ 48.1853, 58.2428,
62.1284

■ 48.1853, 58.2428,
62.1284

370.0965,
418.0901, 450.4199

■ 34.1855, 42.0039,
44.7000

■ 86.6883, 102.2763,
109.4845

■ 23.1997, 29.1043,
30.8800

■ 111.9221,
130.8398, 140.2492

■ 14.8626, 19.1598,
20.2498

141.6314,
164.2801, 176.2965

■ 8.8087, 11.7858,
12.3909

176.1815,
202.9818, 218.0449

■ 4.6727, 6.5980,
6.8847

215.9377,
247.3293, 265.9129

■ 2.0893, 3.2120,
3.3127

261.2653,

■ 0.6834, 1.2434,

297.7069, 320.3190

1.2565

312.5298,
354.4990, 381.6818

■ 0.0000, 0.0967,
0.0257

■ 0.0000, 0.0000,
0.0000

■ 48.1853, 58.2428,
62.1284

■ 48.1853, 58.2428,
62.1284

■ 43.6656, 55.9861,
58.6735

■ 53.4488, 60.8833,
65.7402

■ 39.8484, 54.0875,
55.3688

■ 59.4849, 63.9179,
69.5079

■ 36.6962, 52.5291,
52.2124

■ 66.3268, 67.3652,
73.4355

■ 34.1655, 51.2885,
49.2009

■ 74.0042, 71.2405,
77.5255

■ 32.2078, 50.3408,
46.3309

■ 78.1856, 73.3107,
81.5765

■ 30.7670, 49.6570,
43.5983

■ 78.9483, 73.6158,
85.5931

■ 29.7753, 49.2023,
40.9987

■ 79.7354, 73.9306,
89.7377

■ 29.3074, 48.9954,
39.4243

■ 80.5470, 74.2553,
94.0114

■ 81.3833, 74.5898,
98.4153

Harmonies

Analogous

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



49.3173, 58.2428, 52.2692



48.1853, 58.2428, 62.1284



48.8993, 58.2428, 73.5383

Triad

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



48.1853, 58.2428, 62.1284



58.7878, 58.2428, 84.7011



59.6080, 58.2428, 47.0900

Complementary

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



48.1853, 58.2428, 62.1284



47.2509, 42.3963, 45.7399

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.



62.3619, 58.2428, 54.2689



48.1853, 58.2428, 62.1284



61.8729, 58.2428, 76.0457

Square

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



48.1853, 58.2428, 62.1284



54.9064, 58.2428, 87.4369



63.2094, 58.2428, 64.7223



55.8121, 58.2428, 44.2552

Rectangle

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



48.1853, 58.2428, 62.1284



50.3452, 58.2428, 80.3726



63.2094, 58.2428, 64.7223



60.6931, 58.2428, 49.0305

Sweetspot

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



48.1870, 58.2452, 62.1297



88.0467, 96.4750, 104.7182



47.2591, 58.2012, 42.4625



18.7225, 20.5877, 22.3381



0.0000, 0.0000, 0.0000



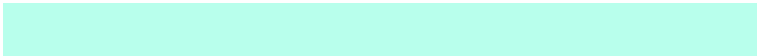
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1870, 58.2452, 62.1297



70.6348, 87.7423, 92.9001



46.9579, 53.2828, 69.4404



12.0216, 13.3524, 14.4702



17.7301, 29.5850, 24.0225



1.0228, 1.6668, 1.5089

Inverse Universe

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



47.2509, 42.3963, 45.7399



68.9780, 59.6472, 63.8585



48.1787, 46.1833, 40.0944



11.9331, 11.8580, 12.9237



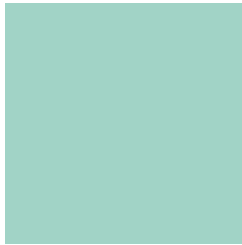
16.6626, 8.5379, 3.1296



0.9647, 0.4906, 0.3487

Previews

White Background



This preview shows how the XYZ color 48.1853, 58.2428, 62.1284 looks on a white background.

Color Contrast Check

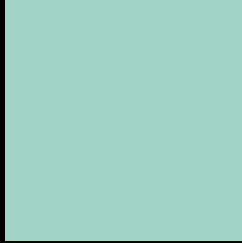
Large Text (above 18pt) WCAG AA × Fail

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 48.1853, 58.2428, 62.1284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

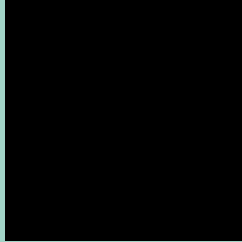
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1853, 58.2428, 62.1284

Background



This preview shows how black text looks on a background with the XYZ color 48.1853, 58.2428, 62.1284.



This preview shows how white text looks on a background with the XYZ color 48.1853, 58.2428,

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

48.1853, 58.2428, 62.1284

Protanopia

55.2810, 57.7302, 57.5196

Deuteranopia

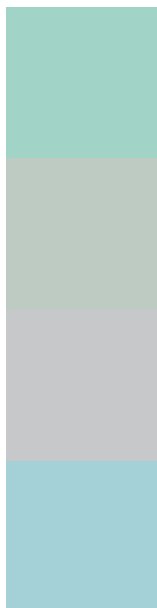
59.1659, 57.9079, 63.9361



Tritanopia

51.4933, 58.1145, 79.0242

Trichromacy



Original Color

48.1853, 58.2428, 62.1284

Protanomaly

52.3287, 57.5541, 59.3900

Deuteranomaly

54.4856, 57.5314, 63.4913

Tritanomaly

50.1315, 57.9106, 72.8256

Monochromacy



Original Color

48.1853, 58.2428, 62.1284

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3789, 55.8261, 60.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1853, 58.2428, 62.1284 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(161, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 211, 198)  
}
```

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(161, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 211, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.1853, 58.2428, 62.1284 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(161, 211, 198) }
```


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

```
.border{ border-color:rgb(161, 211, 198) }
```

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

Here you see how a box with a 4 pixel rgb(161, 211, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 211,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1853, 58.2428, 62.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 211, 198) }
```

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

```
.background{ background-color: rgb(161,  
211, 198) }
```

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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