

Converting Colors

XYZ(52.5932, 62.6052, 70.2799)

Have a look what the booklet for
XYZ(52.5932, 62.6052, 70.2799)
contains.

XYZ(52.5942, 62.6037, 70.2845)	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(52.5942, 62.6037,
70.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D9D2
RGB	168, 217, 210
RGB Percent	66%, 85%, 82%
CMY	0.3412, 0.1490, 0.1765
CMYK	0.23, 0.00, 0.03, 0.15
HSL	171°, 39%, 75%
HSV	171°, 23%, 85%
XYZ	52.5942, 62.6037, 70.2845
YIQ	201.5510, -26.9570, -12.5650

Conversions

Conversions Part 2

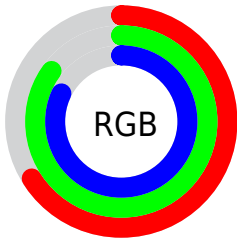
Format	Color
R _{YB}	168, 194, 217
Decimal	11065810
CIE Lab	83.23, -17.24, -1.76
CIE LCh	83, 17.329, 185.814
Yxy	62.6037, 0.2836, 0.3375
Android (android.graphics.Color)	4289255890 (0xFFA8D9D2)
YUV	201.5510, 4.1654, -29.4242
Hunter-Lab	79.1225, -19.8121, 2.7185

Details

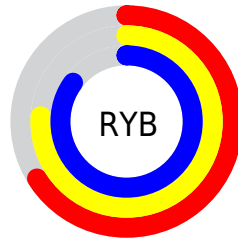
The XYZ color **52.5942, 62.6037, 70.2845** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3580, 45.8539, 46.7566**, and the grayscale version is **55.8478, 58.7562, 63.9855**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **25.9913, 31.8858, 36.2372** is the 20% darker color. If you saturate the color by 10%, you get **47.9721, 60.2668, 68.0719**, and if you desaturate by 10%, it is **57.9983, 65.3462, 72.5754**.

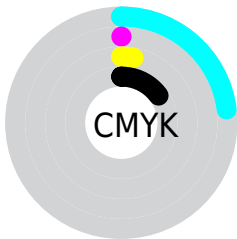
Distribution



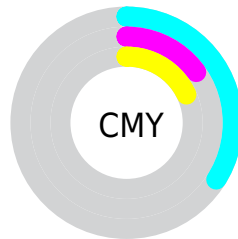
- Red (66%)
- Green (85%)
- Blue (82%)



- Red (66%)
- Yellow (76%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)





- Cyan (34%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5942, 62.6037, 70.2845 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 52.5942, 62.6037, 70.2845 by changing the saturation by 10% instead.


 52.5942, 62.6037,
70.2845


 52.5942, 62.6037,
70.2845


387.0127,
434.1298, 480.3644

 37.7051, 45.5207,
51.2803


 93.1760, 108.5976,
121.2993

 25.9301, 31.8677,
36.0534


 119.5994,
138.2772, 154.1469

 16.9037, 21.2605,
24.1854


150.5984,
172.9245, 192.4462

 10.2608, 13.3146,
15.2578

186.5381,
212.9239, 236.6155

 5.6358, 7.6455,
8.8519

227.7841,
258.6597, 287.0734

 2.6634, 3.8690,
4.5492

274.7016,

 0.9784, 1.6005,

310.5164, 344.2385

1.9312

327.6560,
368.8783, 408.5293

■ 0.0000, 0.3580,
0.5125

■ 0.0000, 0.0000,
0.0000

■ 52.5942, 62.6037,
70.2845

■ 52.5942, 62.6037,
70.2845

■ 47.9721, 60.2668,
68.0719

■ 57.9983, 65.3462,
72.5754

■ 44.0884, 58.3080,
65.9314

■ 64.2147, 68.5049,
74.9423

■ 40.9033, 56.7085,
63.8623

■ 71.2785, 72.0996,
77.3884

■ 38.3711, 55.4448,
61.8622

■ 79.2213, 76.1466,
79.9154

■ 36.4408, 54.4905,
59.9284

■ 79.7139, 76.3519,
82.1336

■ 35.0534, 53.8152,
58.0581

■ 80.1422, 76.5232,
84.3890

■ 34.1381, 53.3825,
56.2475

■ 80.5783, 76.6977,
86.6851

■ 33.6761, 53.1728,
54.9388

■ 81.0221, 76.8752,
89.0222

■ 81.4737, 77.0558,
91.4003

Harmonies

Analogous

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



53.1465, 62.6037, 60.0263



52.5942, 62.6037, 70.2845



53.8289, 62.6037, 81.0170

Triad

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



52.5942, 62.6037, 70.2845



63.8359, 62.6037, 86.3778



62.5154, 62.6037, 50.9628

Complementary

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



52.5942, 62.6037, 70.2845



50.3580, 45.8539, 46.7566

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.



65.5623, 62.6037, 56.7491



52.5942, 62.6037, 70.2845



66.3470, 62.6037, 77.0075

Square

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



52.5942, 62.6037, 70.2845



60.2385, 62.6037, 90.9163



66.9917, 62.6037, 66.0881



58.7733, 62.6037, 49.5659

Rectangle

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



52.5942, 62.6037, 70.2845



55.5312, 62.6037, 86.7737



66.9917, 62.6037, 66.0881



63.6597, 62.6037, 52.4269

Sweetspot

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



52.5960, 62.6063, 70.2859



88.3771, 96.6071, 106.4581



49.6406, 61.6100, 46.3226



18.7992, 20.6184, 22.7419



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.



52.5960, 62.6063, 70.2859



72.5522, 88.5803, 99.7888



49.2943, 54.5759, 73.5847



13.3607, 14.7959, 16.3622



20.4149, 32.1986, 33.4138



1.3450, 2.0949, 2.2826

Inverse Universe

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



50.3580, 45.8539, 46.7566



68.7931, 60.4261, 60.2557



53.0657, 52.3416, 44.3531



13.1315, 13.0817, 13.9536



17.4953, 8.9992, 1.7222



1.1582, 0.5929, 0.2418

Previews

White Background



This preview shows how the XYZ color 52.5942, 62.6037, 70.2845 looks on a white background.

Color Contrast Check

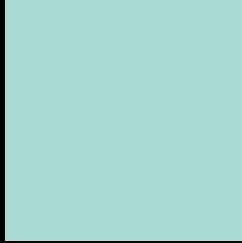
Large Text (above 18pt) WCAG AA × Fail

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 52.5942, 62.6037, 70.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

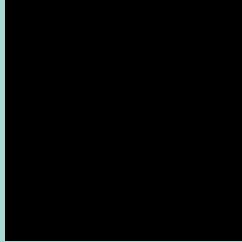
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

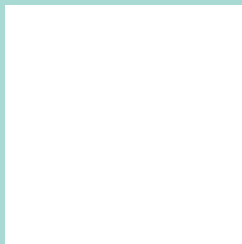
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5942, 62.6037, 70.2845

Background



This preview shows how black text looks on a background with the XYZ color 52.5942, 62.6037, 70.2845.

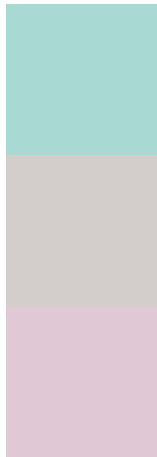


This preview shows how white text looks on a background with the XYZ color 52.5942, 62.6037,

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

52.5942, 62.6037, 70.2845

Protanopia

59.8344, 62.3511, 66.0081

Deuteranopia

63.4050, 61.9599, 71.5685



Tritanopia

55.4836, 62.6333, 84.7664

Trichromacy



Original Color

52.5942, 62.6037, 70.2845

Protanomaly

56.6928, 62.1515, 67.4009

Deuteranomaly

58.8568, 61.7334, 71.1010

Tritanomaly

54.4143, 62.5865, 79.0245

Monochromacy



Original Color

52.5942, 62.6037, 70.2845

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.5675, 59.9806, 66.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5942, 62.6037, 70.2845 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, 217, 210)` looks like.

```
.text, #text, p{  
    color:rgb(168, 217, 210)  
}
```

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, 217, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 217, 210) }
```

Border

The CSS property to change the border of an element to XYZ 52.5942, 62.6037, 70.2845 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, 217, 210) }
```


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

```
.border{ border-color:rgb(168, 217, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 217, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 217, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 217, 210);  
box-shadow:4px 4px 4px 4px rgb(168, 217,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5942, 62.6037, 70.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 217, 210) }
```

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

```
.background{ background-color: rgb(168,  
217, 210) }
```

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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