

Converting Colors

XYZ(42.7445, 59.2548, 62.0078)

Have a look what the booklet for
XYZ(42.7445, 59.2548, 62.0078)
contains.

| | |
|--|----|
| XYZ(42.7445, 59.2548, 62.0078) | 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(42.7445, 59.2548,
62.0078)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 71DDC5 |
| RGB | 113, 221, 197 |
| RGB Percent | 44%, 87%, 77% |
| CMY | 0.5568, 0.1333, 0.2274 |
| CMYK | 0.49, 0.00, 0.11, 0.13 |
| HSL | 167°, 61%, 65% |
| HSV | 167°, 49%, 87% |
| XYZ | 42.7445, 59.2548, 62.0078 |
| YIQ | 185.9720, -56.6640, -30.3600 |

Conversions

Conversions Part 2

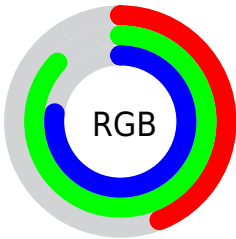
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 113, 174, 221 |
| Decimal | 7462341 |
| CIELab | 81.43, -36.89, 2.21 |
| CIELCh | 81, 36.954, 176.575 |
| Yxy | 59.2548, 0.2606, 0.3613 |
| Android (android.graphics.Color) | 4285652421 (0xFF71DDC5) |
| YUV | 185.9720, 5.4368, -63.9964 |
| Hunter-Lab | 76.9771, -35.5910, 6.1238 |

Details

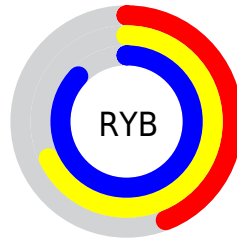
The XYZ color **42.7445, 59.2548, 62.0078** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.2412, 28.9900, 27.1436**, and the grayscale version is **46.6511, 49.0805, 53.4487**.

A 20% lighter version of the original color is **70.4440, 87.3337, 106.9102**, and **19.8292, 29.6235, 30.6594** is the 20% darker color. If you saturate the color by 10%, you get **39.6867, 57.7439, 58.9755**, and if you desaturate by 10%, it is **46.5162, 61.1346, 65.1718**.

Distribution



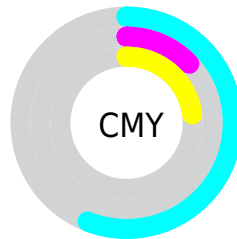
- Red (44%)
- Green (87%)
- Blue (77%)



- Red (44%)
- Yellow (68%)
- Blue (87%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)





- Cyan (56%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7445, 59.2548, 62.0078 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 42.7445, 59.2548, 62.0078 by changing the saturation by 10% instead.


 42.7445, 59.2548,
62.0078


 42.7445, 59.2548,
62.0078


348.4993,
421.8455, 449.9680


 29.8783, 42.8183,
44.6032


 78.5833, 103.7479,
109.3085

 19.8939, 29.7426,
30.8043


 102.2866,
132.5733, 140.0417

 12.4257, 19.6433,
20.1927


 130.3331,
166.2970, 176.0548

 7.1086, 12.1360,
12.3497

163.0880,
205.3035, 217.7663

 3.5770, 6.8364,
6.8569

200.9167,
249.9773, 265.5949

 1.4657, 3.3600,
3.2957

244.1846,

 0.3024, 1.3224,

300.7026, 319.9590

1.2475

293.2570,
357.8639, 381.2772

■ 0.0000, 0.1585,
0.0182

■ 0.0000, 0.0000,
0.0000

■ 42.7445, 59.2548,
62.0078

■ 42.7445, 59.2548,
62.0078

■ 39.6867, 57.7439,
58.9755

■ 46.5162, 61.1346,
65.1718

■ 37.2865, 56.5684,
56.0676


■ 51.0430, 63.4000,
68.4665


■ 35.4872, 55.7006,
53.2817


■ 56.3688, 66.0751,
71.8961


■ 34.2199, 55.1051,
50.6137


■ 62.5325, 69.1801,
75.4632


 33.3779, 54.7267,
48.0576

 69.5707, 72.7336,
79.1705

 33.2931, 54.6892,
47.7746

 77.5175, 76.7534,
83.0203

 81.5754, 78.7661,
86.7891

 82.2806, 79.0482,
90.5026

 83.0055, 79.3381,
94.3196

Harmonies

Analogous

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



44.8005, 59.2548, 43.7912



42.7445, 59.2548, 62.0078



44.0422, 59.2548, 85.5029

Triad

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



42.7445, 59.2548, 62.0078



63.2363, 59.2548, 110.5824



64.9129, 59.2548, 35.1069

Complementary

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



42.7445, 59.2548, 62.0078



40.2412, 28.9900, 27.1436

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.



70.6904, 59.2548, 47.2831



42.7445, 59.2548, 62.0078



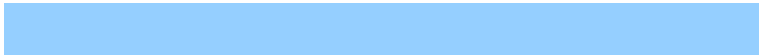
69.6619, 59.2548, 90.9299

Square

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



42.7445, 59.2548, 62.0078



55.4363, 59.2548, 117.0378



72.5024, 59.2548, 67.0959



57.2128, 59.2548, 30.6655

Rectangle

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



42.7445, 59.2548, 62.0078



46.7057, 59.2548, 100.6462



72.5024, 59.2548, 67.0959



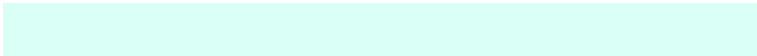
67.1705, 59.2548, 38.2720

Sweetspot

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



42.7462, 59.2571, 62.0092



81.0123, 92.9180, 101.2563



39.3532, 58.3279, 24.8080



16.9648, 19.6994, 21.4506



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.



42.7462, 59.2571, 62.0092



54.6594, 79.7466, 81.3130



38.7565, 46.5204, 75.3459



13.3146, 14.7774, 16.1194



19.3840, 31.7862, 27.9850



1.2870, 2.0717, 1.9771

Inverse Universe

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



40.2412, 28.9900, 27.1436



50.8323, 33.1063, 27.7505



42.4446, 35.8526, 20.3069



13.1739, 13.0987, 14.1772



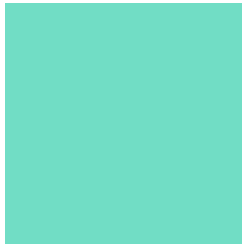
17.6807, 9.0733, 2.6989



1.1781, 0.6009, 0.3468

Previews

White Background



This preview shows how the XYZ color 42.7445, 59.2548, 62.0078 looks on a white background.

Color Contrast Check

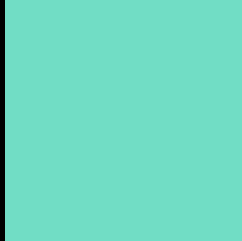
Large Text (above 18pt) WCAG AA × Fail

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 42.7445, 59.2548, 62.0078 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

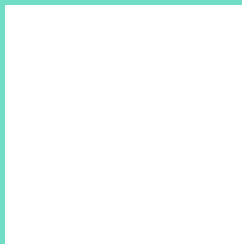
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7445, 59.2548, 62.0078

Background



This preview shows how black text looks on a background with the XYZ color 42.7445, 59.2548, 62.0078.

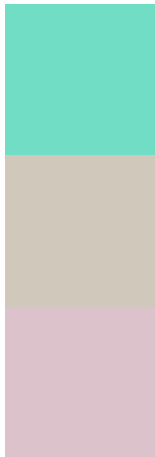


This preview shows how white text looks on a background with the XYZ color 42.7445, 59.2548,

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

42.7445, 59.2548, 62.0078

Protanopia

55.5296, 58.2636, 54.7737

Deuteranopia

59.8098, 58.5577, 64.6504



Tritanopia

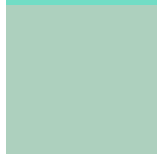
47.5760, 59.2800, 86.0255

Trichromacy



Original Color

42.7445, 59.2548, 62.0078



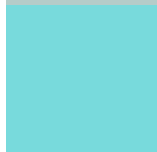
Protanomaly

49.0837, 57.7137, 57.2681



Deuteranomaly

51.1915, 57.2265, 63.6061



Tritanomaly

45.7354, 59.3032, 76.7463

Monochromacy



Original Color

42.7445, 59.2548, 62.0078



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.0158, 51.9355, 56.4199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7445, 59.2548, 62.0078 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(113, 221, 197)` looks like.

```
.text, #text, p{  
    color:rgb(113, 221, 197)  
}
```

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(113, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 221, 197) }
```

Border

The CSS property to change the border of an element to XYZ 42.7445, 59.2548, 62.0078 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(113, 221, 197) }
```


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

```
.border{ border-color:rgb(113, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 221, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 221, 197);  
box-shadow:4px 4px 4px 4px rgb(113, 221,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7445, 59.2548, 62.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 221, 197) }
```

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

```
.background{ background-color: rgb(113,  
221, 197) }
```

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