

Converting Colors

XYZ(42.1972, 54.4792, 65.2127)

Have a look what the booklet for
XYZ(42.1972, 54.4792, 65.2127)
contains.

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Color

**XYZ(42.1570, 54.3205,
65.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD1CC
RGB	125, 209, 204
RGB Percent	49%, 82%, 80%
CMY	0.5098, 0.1804, 0.2000
CMYK	0.40, 0.00, 0.02, 0.18
HSL	176°, 48%, 65%
HSV	176°, 40%, 82%
XYZ	42.1570, 54.3205, 65.3897
YIQ	183.3140, -48.4590, -19.3630

Conversions

Conversions Part 2

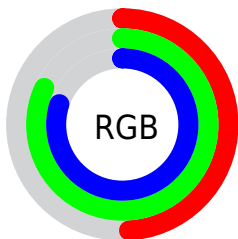
Format	Color
RYB	125, 168, 209
Decimal	8245708
CIELab	78.65, -26.65, -5.55
CIELCh	79, 27.227, 191.765
Yxy	54.3205, 0.2604, 0.3356
Android (android.graphics.Color)	4286435788 (0xFF7DD1CC)
YUV	183.3140, 10.1982, -51.1414
Hunter-Lab	73.7024, -26.8792, -1.0111

Details

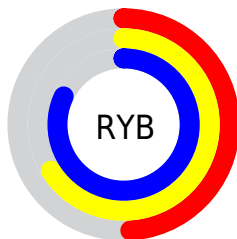
The XYZ color **42.1570, 54.3205, 65.3897** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.6593, 29.8359, 24.8952**, and the grayscale version is **45.1482, 47.4994, 51.7269**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **19.5149, 26.5784, 32.9558** is the 20% darker color. If you saturate the color by 10%, you get **39.2728, 52.8521, 64.4797**, and if you desaturate by 10%, it is **45.6875, 56.1246, 66.3386**.

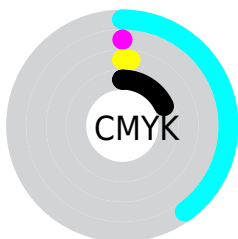
Distribution



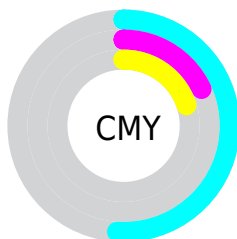
- Red (49%)
- Green (82%)
- Blue (80%)



- Red (49%)
- Yellow (66%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (51%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1570, 54.3205, 65.3897 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 42.1570, 54.3205, 65.3897 by changing the saturation by 10% instead.


 42.1570, 54.3205,
65.3897


 42.1570, 54.3205,
65.3897


346.1139,
403.3310, 462.5355


 29.4159, 38.8580,
47.3238


 77.7009, 96.5447,
114.2286

 19.5415, 26.6492,
32.9355


 101.2343,
124.0751, 145.8386

 12.1685, 17.3100,
21.8063


 129.0959,
156.3969, 182.8005

 6.9316, 10.4557,
13.5177

161.6511,
193.8945, 225.5327

 3.4653, 5.7022,
7.6511

199.2651,
236.9524, 274.4537

 1.4043, 2.6648,
3.7880

242.3033,

 0.2593, 0.9594,

285.9548, 329.9822

1.5098

291.1312,
341.2862, 392.5366

■ 0.0000, 0.0000,
0.2252

■ 0.0000, 0.0000,
0.0000

■ 42.1570, 54.3205,
65.3897

■ 42.1570, 54.3205,
65.3897

■ 39.2728, 52.8521,
64.4797

■ 45.6875, 56.1246,
66.3386

■ 36.9896, 51.6921,
63.6028


■ 49.8967, 58.2770,
67.3243


■ 35.2636, 50.8193,
62.7582


■ 54.8203, 60.7976,
68.3497


■ 34.0434, 50.2070,
61.9435


■ 60.4904, 63.7029,
69.4162


 33.2676, 49.8237,
61.1557


 66.9369, 67.0083,
70.5254

 32.8287, 49.6136,
60.4040

 74.1881, 70.7285,
71.6786

 76.0153, 71.6523,
72.5843

 76.1736, 71.7156,
73.4181

 76.3332, 71.7794,
74.2584

Harmonies

Analogous

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



42.4213, 54.3205, 50.3574



42.1570, 54.3205, 65.3897



44.2973, 54.3205, 81.1370

Triad

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



42.1570, 54.3205, 65.3897



58.8258, 54.3205, 84.0890



54.9326, 54.3205, 35.2485

Complementary

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



42.1570, 54.3205, 65.3897



37.6593, 29.8359, 24.8952

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.



59.7303, 54.3205, 41.5373



42.1570, 54.3205, 65.3897



62.0833, 54.3205, 68.9015

Square

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



42.1570, 54.3205, 65.3897



53.7665, 54.3205, 93.1198



62.4254, 54.3205, 53.3126



49.5509, 54.3205, 34.6397

Rectangle

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



42.1570, 54.3205, 65.3897



46.8925, 54.3205, 89.2492



62.4254, 54.3205, 53.3126



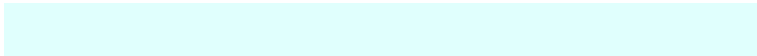
56.6763, 54.3205, 36.7100

Sweetspot

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



42.1586, 54.3226, 65.3910



84.3826, 94.5345, 106.8766



35.8021, 51.8772, 27.5296



17.8352, 20.1185, 22.8301



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.



42.1586, 54.3226, 65.3910



62.2683, 83.2334, 101.3559



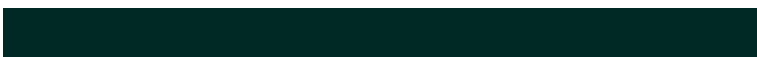
34.8347, 38.6992, 65.9576



12.1267, 13.3944, 15.0236



20.2536, 30.5944, 37.3111



1.1419, 1.7144, 2.1359

Inverse Universe

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



37.6593, 29.8359, 24.8952



54.2983, 39.8159, 29.5914



42.8130, 40.6677, 24.9964



11.8369, 11.8195, 12.4168



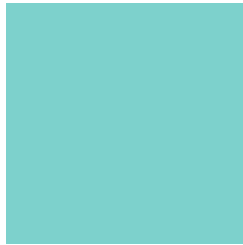
16.2673, 8.3798, 1.0479



0.9198, 0.4726, 0.1125

Previews

White Background



This preview shows how the XYZ color 42.1570, 54.3205, 65.3897 looks on a white background.

Color Contrast Check

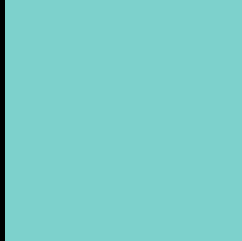
Large Text (above 18pt) WCAG AA × Fail

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 42.1570, 54.3205, 65.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

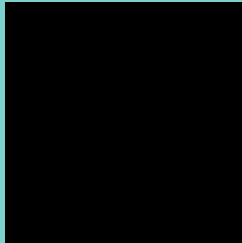
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

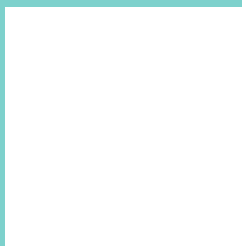
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1570, 54.3205, 65.3897

Background



This preview shows how black text looks on a background with the XYZ color 42.1570, 54.3205, 65.3897.

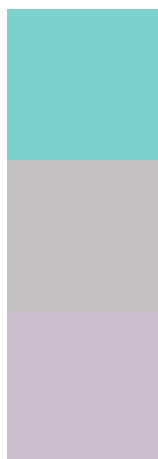


This preview shows how white text looks on a background with the XYZ color 42.1570, 54.3205,

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

42.1570, 54.3205, 65.3897

Protanopia

51.8335, 53.9053, 58.7118

Deuteranopia

54.8220, 53.6423, 67.1391



Tritanopia

44.5965, 54.2162, 77.9263

Trichromacy



Original Color

42.1570, 54.3205, 65.3897

Protanomaly

47.4111, 53.5820, 61.2696

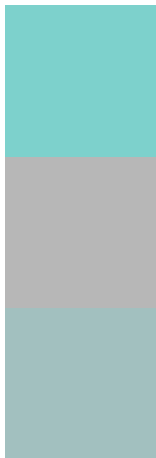
Deuteranomaly

49.1339, 53.3320, 66.7359

Tritanomaly

43.6096, 54.1727, 73.1237

Monochromacy



Original Color

42.1570, 54.3205, 65.3897

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.1539, 49.1422, 56.5012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1570, 54.3205, 65.3897 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(125, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(125, 209, 204)  
}
```

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(125, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 42.1570, 54.3205, 65.3897 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(125, 209, 204) }
```


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

```
.border{ border-color:rgb(125, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(125, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1570, 54.3205, 65.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 209, 204) }
```

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

```
.background{ background-color: rgb(125,  
209, 204) }
```

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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