

Converting Colors

XYZ(43.7318, 64.0660, 68.0851)

Have a look what the booklet for
XYZ(43.7318, 64.0660, 68.0851)
contains.

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Color

**XYZ(43.7138, 64.0994,
67.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	56E8CD
RGB	86, 232, 205
RGB Percent	34%, 91%, 80%
CMY	0.6627, 0.0902, 0.1961
CMYK	0.63, 0.00, 0.12, 0.09
HSL	169°, 76%, 62%
HSV	169°, 63%, 91%
XYZ	43.7138, 64.0994, 67.8261
YIQ	185.2680, -78.3490, -39.3490

Conversions

Conversions Part 2

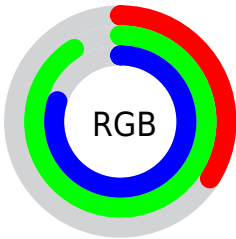
Format	Color
RYB	86, 166, 232
Decimal	5695693
CIELab	84.02, -45.16, 1.64
CIELCh	84, 45.190, 177.926
Yxy	64.0994, 0.2489, 0.3649
Android (android.graphics.Color)	4283885773 (0xFF56E8CD)
YUV	185.2680, 9.7279, -87.0580
Hunter-Lab	80.0621, -42.6479, 5.8148

Details

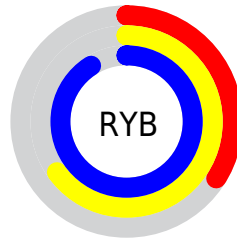
The XYZ color **43.7138, 64.0994, 67.8261** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **39.5893, 25.0054, 18.3651**, and the grayscale version is **46.2438, 48.6521, 52.9822**.

A 20% lighter version of the original color is **66.3877, 85.2240, 107.5586**, and **21.1112, 33.2850, 34.5901** is the 20% darker color. If you saturate the color by 10%, you get **41.4038, 62.9691, 65.0523**, and if you desaturate by 10%, it is **46.7347, 65.5976, 70.7102**.

Distribution



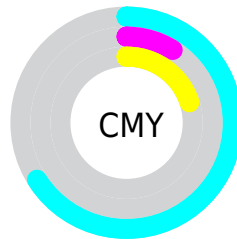
- Red (34%)
- Green (91%)
- Blue (80%)



- Red (34%)
- Yellow (65%)
- Blue (91%)



- Cyan (63%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)





- Cyan (66%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7138, 64.0994, 67.8261 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 43.7138, 64.0994, 67.8261 by changing the saturation by 10% instead.


 43.7138, 64.0994,
67.8261


 43.7138, 64.0994,
67.8261


352.4111,
439.5485, 471.4610


 30.6425, 46.7312,
49.2905


 80.0359, 110.7541,
117.7552


 20.4773, 32.8232,
34.4827


 104.0175,
140.8093, 149.9857

 12.8527, 21.9910,
22.9843


 132.3665,
175.8624, 187.6183

 7.4035, 13.8503,
14.3767

 165.4483,
216.2976, 231.0715

 3.7643, 8.0166,
8.2414

203.6284,
262.4995, 280.7638

 1.5697, 4.1056,
4.1598

247.2719,

 0.3725, 1.7328,

314.8523, 337.1138

1.7134

296.7444,
373.7405, 400.5400

■ 0.0000, 0.4448,
0.3699

■ 0.0000, 0.0000,
0.0000

■ 43.7138, 64.0994,
67.8261

■ 43.7138, 64.0994,
67.8261

■ 41.4038, 62.9691,
65.0523

■ 46.7347, 65.5976,
70.7102

■ 39.7292, 62.1632,
62.3804


■ 50.5216, 67.4875,
73.7034


■ 38.6071, 61.6406,
59.8073


■ 55.1305, 69.7995,
76.8105


■ 38.0533, 61.3936,
58.0428


■ 60.6106, 72.5589,
80.0341

 67.0071, 75.7890,
83.3771

 74.3620, 79.5116,
86.8420

 82.7150, 83.7469,
90.4311

 85.7262, 85.2267,
93.8483

 86.3690, 85.4839,
97.2332

Harmonies

Analogous

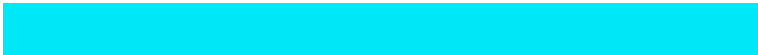
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.0893, 64.0994, 44.5230



43.7138, 64.0994, 67.8261



45.5160, 64.0994, 98.7731

Triad

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



43.7138, 64.0994, 67.8261



70.3449, 64.0994, 130.3656



71.6751, 64.0994, 32.8591

Complementary

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



43.7138, 64.0994, 67.8261



39.5893, 25.0054, 18.3651

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.



79.4688, 64.0994, 47.1211



43.7138, 64.0994, 67.8261



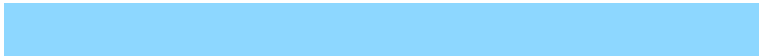
78.6438, 64.0994, 103.1729

Square

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



43.7138, 64.0994, 67.8261



60.2337, 64.0994, 140.2410



82.1467, 64.0994, 71.7983



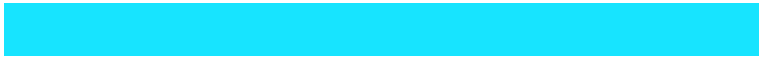
61.6207, 64.0994, 28.0662

Rectangle

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



43.7138, 64.0994, 67.8261



48.9669, 64.0994, 118.9581



82.1467, 64.0994, 71.7983



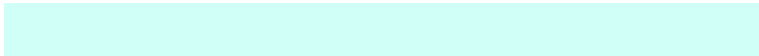
74.6857, 64.0994, 36.4736

Sweetspot

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



43.7156, 64.1019, 67.8276



78.0072, 91.3769, 100.7465



37.6349, 62.0461, 18.7979



16.2276, 19.3217, 21.3114



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.



43.7156, 64.1019, 67.8276



50.5037, 77.6412, 79.4508



36.4312, 43.8590, 82.8922



14.6871, 16.2883, 17.8830



21.1685, 34.0995, 32.4515



1.5940, 2.5317, 2.5548

Inverse Universe

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



39.5893, 25.0054, 18.3651



45.0791, 25.4827, 13.8625



42.9166, 33.7419, 13.0563



14.4853, 14.4113, 15.4901



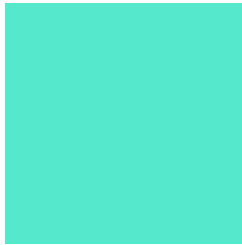
18.7497, 9.6341, 2.3112



1.4169, 0.7245, 0.3360

Previews

White Background



This preview shows how the XYZ color 43.7138, 64.0994, 67.8261 looks on a white background.

Color Contrast Check

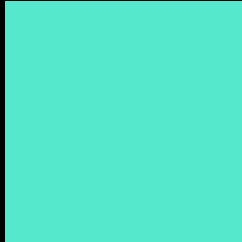
Large Text (above 18pt) WCAG AA × Fail

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 43.7138, 64.0994, 67.8261 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

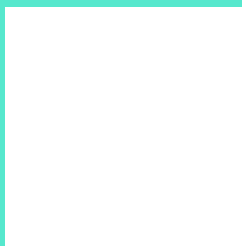
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7138, 64.0994, 67.8261

Background



This preview shows how black text looks on a background with the XYZ color 43.7138, 64.0994, 67.8261.

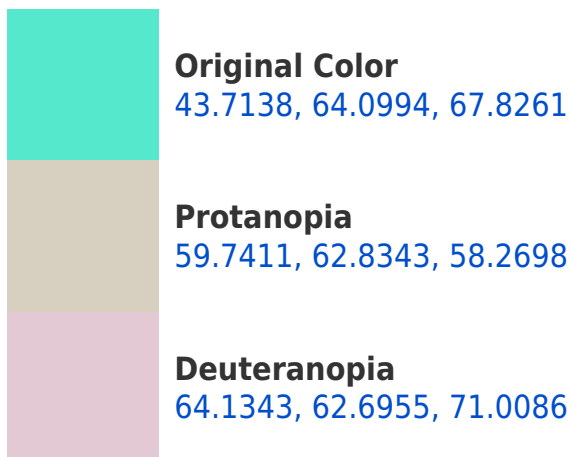


This preview shows how white text looks on a background with the XYZ color 43.7138, 64.0994,

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





Tritanopia

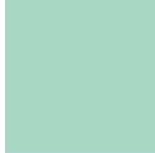
49.1573, 63.8101, 96.1119

Trichromacy



Original Color

43.7138, 64.0994, 67.8261



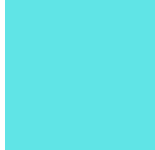
Protanomaly

50.6681, 61.4221, 61.4097



Deuteranomaly

52.7313, 60.8044, 69.2788



Tritanomaly

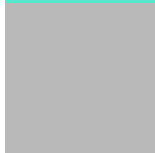
46.8502, 63.6868, 84.6864

Monochromacy



Original Color

43.7138, 64.0994, 67.8261



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.0294, 52.4364, 57.7225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7138, 64.0994, 67.8261 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(86, 232, 205)` looks like.

```
.text, #text, p{  
    color:rgb(86, 232, 205)  
}
```

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(86, 232, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 232, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.7138, 64.0994, 67.8261 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(86, 232, 205) }
```


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

```
.border{ border-color:rgb(86, 232, 205) }
```

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

Here you see how a box with a 4 pixel rgb(86, 232, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 232, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 232, 205);  
box-shadow:4px 4px 4px 4px rgb(86, 232,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7138, 64.0994, 67.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 232, 205) }
```

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

```
.background{ background-color: rgb(86, 232,  
205) }
```

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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