

Converting Colors

XYZ(43.3140, 63.5607, 44.3692)

Have a look what the booklet for
XYZ(43.3140, 63.5607, 44.3692)
contains.

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Color

**XYZ(43.2758, 63.5622,
44.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE6A2
RGB	125, 230, 162
RGB Percent	49%, 90%, 64%
CMY	0.5098, 0.0980, 0.3647
CMYK	0.46, 0.00, 0.30, 0.10
HSL	141°, 68%, 70%
HSV	141°, 46%, 90%
XYZ	43.2758, 63.5622, 44.1703
YIQ	190.8530, -40.7520, -43.4080

Conversions

Conversions Part 2

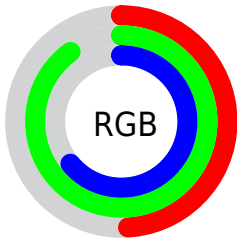
Format	Color
RYB	125, 203, 230
Decimal	8251042
CIELab	83.74, -45.25, 23.91
CIELCh	84, 51.174, 152.149
Yxy	63.5622, 0.2866, 0.4209
Android (android.graphics.Color)	4286441122 (0xFF7DE6A2)
YUV	190.8530, -14.2245, -57.7531
Hunter-Lab	79.7259, -42.6292, 22.9599

Details

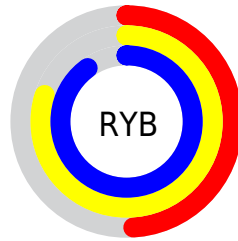
The XYZ color **43.2758, 63.5622, 44.1703** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **49.5944, 35.3417, 54.6619**, and the grayscale version is **49.5341, 52.1137, 56.7519**.

A 20% lighter version of the original color is **67.5758, 86.4748, 78.7753**, and **20.2653, 32.5912, 19.9745** is the 20% darker color. If you saturate the color by 10%, you get **39.0525, 61.5308, 37.4660**, and if you desaturate by 10%, it is **48.4367, 66.0623, 51.7400**.

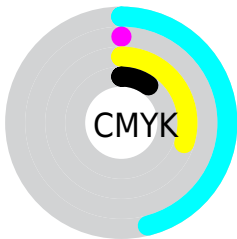
Distribution



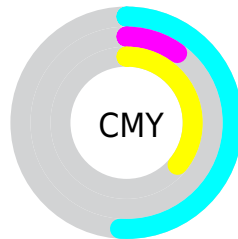
- Red (49%)
- Green (90%)
- Blue (64%)



- Red (49%)
- Yellow (80%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)




- Cyan (51%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2758, 63.5622, 44.1703 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 43.2758, 63.5622, 44.1703 by changing the saturation by 10% instead.


 43.2758, 63.5622,
44.1703


 43.2758, 63.5622,
44.1703


350.6471,
437.6070, 379.4644


 30.2970, 46.2962,
30.4662


 79.3800, 109.9802,
82.7791

 20.2133, 32.4796,
19.9377


 103.2362,
139.9009, 108.5210

 12.6594, 21.7281,
12.1661

 131.4488,
174.8087, 139.1126

 7.2698, 13.6572,
6.7330

164.3833,
215.0879, 174.9723

 3.6792, 7.8827,
3.2198

202.4051,
261.1230, 216.5189

 1.5223, 4.0200,
1.2079

245.8794,

 0.3409, 1.6847,

313.2982, 264.1707

0.0000

295.1716,
371.9981, 318.3464

0.0000, 0.4137,
0.0000

0.0000, 0.0000,
0.0000

43.2758, 63.5622,
44.1703

43.2758, 63.5622,
44.1703

39.0525, 61.5308,
37.4660

48.4367, 66.0623,
51.7400

35.7018, 59.9300,
31.5916


54.5847, 69.0508,
60.2005


33.1584, 58.7286,
26.5152


61.7714, 72.5555,
69.5812


31.3444, 57.8870,
22.2011


70.0434, 76.5999,
79.9092

 30.1650, 57.3573,
18.6108

 79.4446, 81.2060,
91.2103

 29.7850, 57.1908,
17.2632

 87.0099, 84.8448,
103.3684

 87.5880, 85.0760,
106.4127

Harmonies

Analogous

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



49.6455, 63.5622, 28.9690



43.2758, 63.5622, 44.1703



41.3176, 63.5622, 71.5517

Triad

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



43.2758, 63.5622, 44.1703



61.2267, 63.5622, 151.1340



80.5830, 63.5622, 41.2614

Complementary

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



43.2758, 63.5622, 44.1703



49.5944, 35.3417, 54.6619

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.



84.6394, 63.5622, 66.9169



43.2758, 63.5622, 44.1703



72.6368, 63.5622, 135.8094

Square

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



43.2758, 63.5622, 44.1703



50.8852, 63.5622, 139.4740



81.5674, 63.5622, 102.2725



71.0637, 63.5622, 27.6916

Rectangle

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



43.2758, 63.5622, 44.1703



42.5538, 63.5622, 95.2151



81.5674, 63.5622, 102.2725



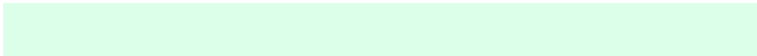
82.6803, 63.5622, 48.4292

Sweetspot

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



43.2775, 63.5648, 44.1717



79.6122, 92.4460, 89.9024



54.0567, 69.4475, 29.9582



16.5840, 19.5644, 18.6620



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.



43.2775, 63.5648, 44.1717



49.5137, 77.8344, 47.6169



48.9257, 65.8241, 73.9151



14.3980, 16.1726, 16.3607



16.9145, 32.3979, 10.0499



1.2928, 2.4112, 0.9683

Inverse Universe

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



49.5944, 35.3417, 54.6619



58.4317, 37.9003, 62.3605



44.7576, 33.4070, 29.1919



14.7681, 14.5244, 16.9795



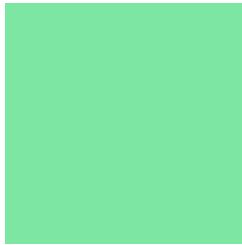
21.6042, 10.7759, 17.3427



1.6402, 0.8138, 1.5116

Previews

White Background



This preview shows how the XYZ color 43.2758, 63.5622, 44.1703 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 43.2758, 63.5622, 44.1703 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 43.2758, 63.5622, 44.1703

Background



This preview shows how black text looks on a background with the XYZ color 43.2758, 63.5622, 44.1703.



This preview shows how white text looks on a background with the XYZ color 43.2758, 63.5622,

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

43.2758, 63.5622, 44.1703

Protanopia

58.4117, 62.5806, 38.7064

Deuteranopia

63.8605, 62.4122, 46.2171



Tritanopia

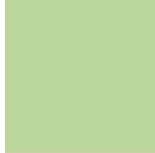
52.3535, 63.1991, 90.3282

Trichromacy



Original Color

43.2758, 63.5622, 44.1703



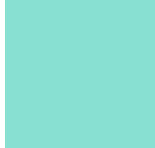
Protanomaly

50.7947, 61.5660, 40.6587



Deuteranomaly

53.4827, 60.9885, 45.0295



Tritanomaly

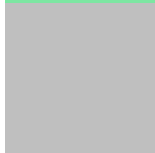
48.4419, 63.1987, 70.6182

Monochromacy



Original Color

43.2758, 63.5622, 44.1703



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.0059, 55.1734, 51.4048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2758, 63.5622, 44.1703 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, 230, 162)` looks like.

```
.text, #text, p{  
    color:rgb(125, 230, 162)  
}
```

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, 230, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 230, 162) }
```

Border

The CSS property to change the border of an element to XYZ 43.2758, 63.5622, 44.1703 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, 230, 162) }
```


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

```
.border{ border-color:rgb(125, 230, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 230, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 230, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 230, 162);  
box-shadow:4px 4px 4px 4px rgb(125, 230,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2758, 63.5622, 44.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 230, 162) }
```

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

```
.background{ background-color: rgb(125,  
230, 162) }
```

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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