

Converting Colors

XYZ(44.3562, 55.2481, 68.8973)

Have a look what the booklet for
XYZ(44.3562, 55.2481, 68.8973)
contains.

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Color

**XYZ(44.4624, 55.4386,
68.6789)**

Conversions

Conversions Part 1

Format	Color
Hex	88D1D1
RGB	136, 209, 209
RGB Percent	53%, 82%, 82%
CMY	0.4667, 0.1804, 0.1804
CMYK	0.35, 0.00, 0.00, 0.18
HSL	180°, 44%, 68%
HSV	180°, 35%, 82%
XYZ	44.4624, 55.4386, 68.6789
YIQ	187.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

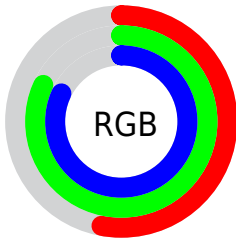
Format	Color
RYB	136, 173, 209
Decimal	8966609
CIELab	79.29, -22.61, -7.22
CIElCh	79, 23.733, 197.718
Yxy	55.4386, 0.2637, 0.3289
Android (android.graphics.Color)	4287156689 (0xFF88D1D1)
YUV	187.1730, 10.7607, -44.8787
Hunter-Lab	74.4571, -23.7078, -2.5689

Details

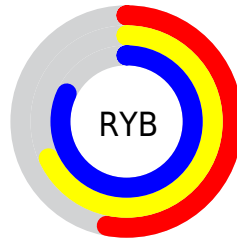
The XYZ color **44.4624, 55.4386, 68.6789** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5445, 32.9428, 27.5689**, and the grayscale version is **47.2918, 49.7546, 54.1828**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **20.8653, 27.2271, 35.1660** is the 20% darker color. If you saturate the color by 10%, you get **41.3939, 53.8581, 68.5361**, and if you desaturate by 10%, it is **48.1961, 57.3647, 68.8553**.

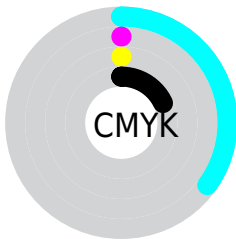
Distribution



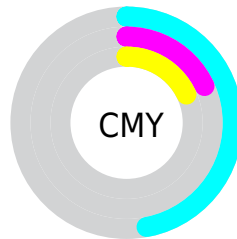
- Red (53%)
- Green (82%)
- Blue (82%)



- Red (53%)
- Yellow (68%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (47%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4624, 55.4386, 68.6789 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 44.4624, 55.4386, 68.6789 by changing the saturation by 10% instead.

 44.4624, 55.4386,
68.6789


 44.4624, 55.4386,
68.6789


355.4123,
407.5724, 474.5609


 31.2337, 39.7530,
49.9801


 81.1551, 98.1833,
118.9862

 20.9295, 27.3460,
35.0265


 105.3498,
126.0111, 151.4318

 13.1847, 17.8333,
23.3996


 133.9306,
158.6552, 189.2968

 7.6337, 10.8303,
14.6808

167.2627,
196.4998, 232.9997

 3.9113, 5.9529,
8.4515

205.7116,
239.9295, 282.9590

 1.6521, 2.8164,
4.2933

249.6426,

 0.4260, 1.0367,

289.3285, 339.5932

1.7876

299.4211,
345.0814, 403.3210

■ 0.0000, 0.0000,
0.4198

■ 0.0000, 0.0000,
0.0000

■ 44.4624, 55.4386,
68.6789

■ 44.4624, 55.4386,
68.6789

■ 41.3939, 53.8581,
68.5361

■ 48.1961, 57.3647,
68.8553

■ 38.9469, 52.5966,
68.4211

■ 52.6255, 59.6482,
69.0630

■ 37.0805, 51.6345,
68.3333

■ 57.7852, 62.3081,
69.3049

■ 35.7468, 50.9469,
68.2705

■ 63.7062, 65.3605,
69.5824

■ 34.8901, 50.5053,
68.2300

■ 70.4175, 68.8202,
69.8969

■ 34.4425, 50.2746,
68.2086

■ 75.5507, 71.4665,
70.1376

■ 34.3097, 50.2061,
68.2022

■ 75.5508, 71.4665,
70.1380

■ 75.5509, 71.4666,
70.1385

■ 75.5509, 71.4666,
70.1389

Harmonies

Analogous

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



44.2625, 55.4386, 54.9679



44.4624, 55.4386, 68.6789



46.7835, 55.4386, 81.8578

Triad

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



44.4624, 55.4386, 68.6789



59.7431, 55.4386, 79.7276



54.6597, 55.4386, 38.2417

Complementary

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



44.4624, 55.4386, 68.6789



39.5445, 32.9428, 27.5689

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.



59.0797, 55.4386, 43.0050



44.4624, 55.4386, 68.6789



62.1306, 55.4386, 66.1005

Square

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



44.4624, 55.4386, 68.6789



55.5215, 55.4386, 88.8663



61.8808, 55.4386, 52.7474



49.9617, 55.4386, 38.7172

Rectangle

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



44.4624, 55.4386, 68.6789



49.3048, 55.4386, 87.9473



61.8808, 55.4386, 52.7474



56.2324, 55.4386, 39.2496

Sweetspot

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



44.4640, 55.4408, 68.6802



86.2828, 95.4803, 108.4890



37.5981, 52.7174, 31.4875



18.2251, 20.3115, 23.2097



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.



44.4640, 55.4408, 68.6802



66.0041, 85.0264, 107.5378



36.7450, 40.0022, 66.1086



12.1584, 13.4071, 15.1906



21.1535, 30.9543, 42.0497



1.1828, 1.7308, 2.3512

Inverse Universe

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



39.5445, 32.9428, 27.5689



57.1519, 44.5435, 33.5624



45.3568, 44.5678, 29.5056



11.8088, 11.8083, 12.2689



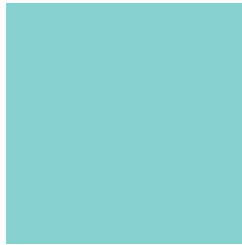
16.2124, 8.3578, 0.7589



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 44.4624, 55.4386, 68.6789 looks on a white background.

Color Contrast Check

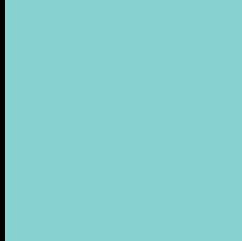
Large Text (above 18pt) WCAG AA × Fail

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 44.4624, 55.4386, 68.6789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

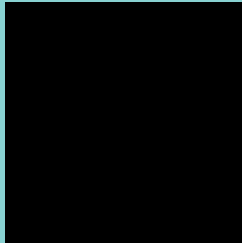
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4624, 55.4386, 68.6789

Background



This preview shows how black text looks on a background with the XYZ color 44.4624, 55.4386, 68.6789.

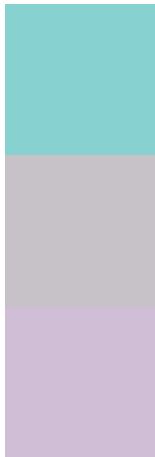


This preview shows how white text looks on a background with the XYZ color 44.4624, 55.4386,

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

44.4624, 55.4386, 68.6789

Protanopia

53.0058, 54.7595, 62.4195

Deuteranopia

56.1558, 54.8964, 70.5871



Tritanopia

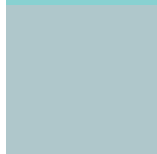
46.4473, 55.5288, 78.0821

Trichromacy



Original Color

44.4624, 55.4386, 68.6789



Protanomaly

48.8821, 54.2726, 64.3992



Deuteranomaly

50.9060, 54.5097, 70.1258



Tritanomaly

45.8582, 55.6627, 74.6567

Monochromacy



Original Color

44.4624, 55.4386, 68.6789



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

45.5139, 51.2952, 59.1319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4624, 55.4386, 68.6789 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(136, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 209)  
}
```

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(136, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 44.4624, 55.4386, 68.6789 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(136, 209, 209) }
```


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

```
.border{ border-color:rgb(136, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(136, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4624, 55.4386, 68.6789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 209) }
```

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

```
.background{ background-color: rgb(136,  
209, 209) }
```

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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