

Converting Colors

XYZ(43.4055, 44.7832, 75.4636)

Have a look what the booklet for
XYZ(43.4055, 44.7832, 75.4636)
contains.

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Color

**XYZ(43.4055, 44.7832,
75.4636)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB3DE
RGB	158, 179, 222
RGB Percent	62%, 70%, 87%
CMY	0.3804, 0.2980, 0.1294
CMYK	0.29, 0.19, 0.00, 0.13
HSL	220°, 49%, 75%
HSV	220°, 29%, 87%
XYZ	43.4055, 44.7832, 75.4636
YIQ	177.6230, -26.3190, 8.9210

Conversions

Conversions Part 2

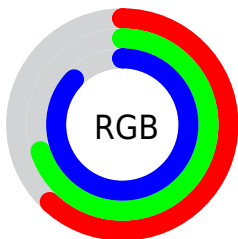
Format	Color
R_{YB}	158, 174, 222
Decimal	10400734
CIE _{Lab}	72.75, 2.50, -23.98
CIE _{LCh}	73, 24.108, 275.955
Yxy	44.7832, 0.2652, 0.2736
Android (android.graphics.Color)	4288590814 (0xFF9EB3DE)
YUV	177.6230, 21.8779, -17.2094
Hunter-Lab	66.9203, -1.3326, -20.0151

Details

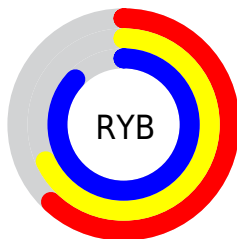
The XYZ color **43.4055, 44.7832, 75.4636** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.1833, 59.7723, 40.8725**, and the grayscale version is **42.0172, 44.2053, 48.1396**.

A 20% lighter version of the original color is **75.4899, 80.9328, 106.2506**, and **20.2616, 20.7150, 39.4897** is the 20% darker color. If you saturate the color by 10%, you get **36.5976, 37.0742, 74.3352**, and if you desaturate by 10%, it is **51.3285, 53.5491, 76.7388**.

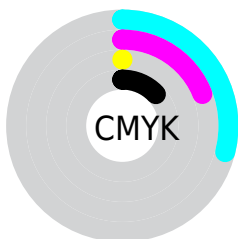
Distribution



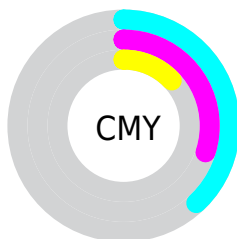
- Red (62%)
- Green (70%)
- Blue (87%)



- Red (62%)
- Yellow (68%)
- Blue (87%)



- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4055, 44.7832, 75.4636 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 43.4055, 44.7832, 75.4636 by changing the saturation by 10% instead.

■ 43.4055, 44.7832,
75.4636

■ 43.4055, 44.7832,
75.4636

351.1701,
365.8948, 498.8074

■ 30.3993, 31.2867,
55.4888

■ 79.5743, 82.3950,
128.7215

■ 20.2914, 20.8173,
39.3919

■ 103.4677,
107.2791, 162.8417

■ 12.7166, 12.9905,
26.7546

131.7208,
136.7278, 202.5140

■ 7.3093, 7.4220,
17.1582

164.6990,
171.1255, 248.1571

■ 3.7043, 3.7274,
10.1842

202.7676,
210.8567, 300.1894

■ 1.5363, 1.5223,
5.4141

246.2921,

■ 0.3503, 0.3043,

256.3057, 359.0295

2.4292

295.6378,
307.8570, 425.0960

■ 0.0000, 0.0000,
0.8023

■ 0.0000, 0.0000,
0.0000

■ 43.4055, 44.7832,
75.4636

■ 43.4055, 44.7832,
75.4636

■ 36.5976, 37.0742,
74.3352

■ 51.3285, 53.5491,
76.7388

■ 30.8476, 30.3744,
73.3451

■ 60.4112, 63.4065,
78.1627

■ 26.0999, 24.6400,
72.4885

■ 70.7013, 74.3947,
79.7413

■ 22.2912, 19.8218,
71.7592

■ 82.2421, 86.5495,
81.4792

■ 19.3507, 15.8651,
71.1504

■ 89.7338, 97.1516,
83.1307

■ 17.1961, 12.7083,
70.6547

■ 90.1850, 98.0540,
83.2811

■ 15.7063, 10.2682,
70.2622

■ 15.5575, 10.0190,
70.2220

Harmonies

Analogous

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



39.3697, 44.7832, 72.9820



43.4055, 44.7832, 75.4636



47.4671, 44.7832, 69.8977

Triad

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



43.4055, 44.7832, 75.4636



49.4172, 44.7832, 36.4423



35.6308, 44.7832, 39.9607

Complementary

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



43.4055, 44.7832, 75.4636



57.1833, 59.7723, 40.8725

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.



38.0127, 44.7832, 32.3834



43.4055, 44.7832, 75.4636



45.9289, 44.7832, 30.5971

Square

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



43.4055, 44.7832, 75.4636



51.0812, 44.7832, 46.4090



41.7356, 44.7832, 29.2430



35.0523, 44.7832, 51.1918

Rectangle

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



43.4055, 44.7832, 75.4636



49.5874, 44.7832, 62.8355



41.7356, 44.7832, 29.2430



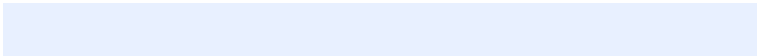
36.2392, 44.7832, 36.9632

Sweetspot

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



43.4069, 44.7850, 75.4646



82.3818, 86.4578, 106.9538



50.7264, 63.7141, 64.6786



17.2223, 18.0627, 22.8287



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.



43.4069, 44.7850, 75.4646



53.2468, 54.3465, 102.2913



41.7038, 38.1273, 74.2693



13.3176, 13.9742, 17.3831



9.3313, 6.1322, 41.7402



0.7266, 0.5847, 2.9198

Inverse Universe

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



50.4890, 43.2394, 48.3346



64.6853, 52.3834, 58.3530



59.2534, 68.6103, 42.4693



13.8918, 13.7743, 15.2002



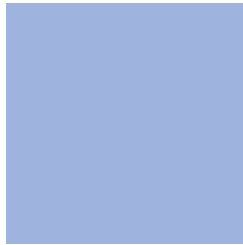
18.6502, 9.5271, 4.8238



1.3330, 0.6765, 0.5466

Previews

White Background



This preview shows how the XYZ color 43.4055, 44.7832, 75.4636 looks on a white background.

Color Contrast Check

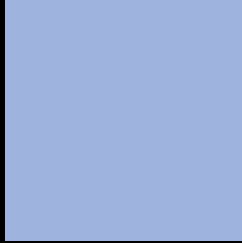
Large Text (above 18pt) WCAG AA × Fail

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 43.4055, 44.7832, 75.4636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

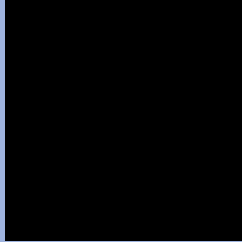
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4055, 44.7832, 75.4636

Background



This preview shows how black text looks on a background with the XYZ color 43.4055, 44.7832, 75.4636.



This preview shows how white text looks on a background with the XYZ color 43.4055, 44.7832,

75.4636.

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

43.4055, 44.7832, 75.4636

Protanopia

44.5921, 44.5428, 73.9575

Deuteranopia

45.8828, 44.8719, 76.0549



Tritanopia

40.2634, 44.7165, 59.9351

Trichromacy



Original Color

43.4055, 44.7832, 75.4636

Protanomaly

44.0831, 44.5573, 74.6836

Deuteranomaly

44.9931, 44.7032, 76.0692

Tritanomaly

41.5080, 44.9295, 65.5160

Monochromacy



Original Color

43.4055, 44.7832, 75.4636

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4526, 44.3938, 57.3703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4055, 44.7832, 75.4636 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(158, 179, 222)` looks like.

```
.text, #text, p{  
    color:rgb(158, 179, 222)  
}
```

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(158, 179, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 179, 222) }
```

Border

The CSS property to change the border of an element to XYZ 43.4055, 44.7832, 75.4636 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(158, 179, 222) }
```


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

```
.border{ border-color:rgb(158, 179, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 179, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 179, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 179, 222);  
box-shadow:4px 4px 4px 4px rgb(158, 179,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4055, 44.7832, 75.4636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 179, 222) }
```

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

```
.background{ background-color: rgb(158,  
179, 222) }
```

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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