

Converting Colors

XYZ(39.7482, 58.0990, 44.3828)

Have a look what the booklet for
XYZ(39.7482, 58.0990, 44.3828)
contains.

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Color

**XYZ(39.7598, 58.1062,
44.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	74DDA4
RGB	116, 221, 164
RGB Percent	45%, 87%, 64%
CMY	0.5451, 0.1333, 0.3569
CMYK	0.48, 0.00, 0.26, 0.13
HSL	147°, 61%, 66%
HSV	147°, 48%, 87%
XYZ	39.7598, 58.1062, 44.2420
YIQ	183.1070, -44.2830, -39.9870

Conversions

Conversions Part 2

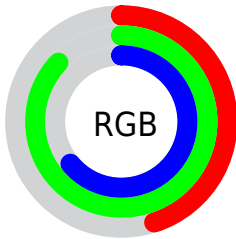
Format	Color
RYB	116, 188, 221
Decimal	7658916
CIELab	80.80, -43.29, 18.76
CIElCh	81, 47.179, 156.571
Yxy	58.1062, 0.2798, 0.4089
Android (android.graphics.Color)	4285848996 (0xFF74DDA4)
YUV	183.1070, -9.4198, -58.8528
Hunter-Lab	76.2274, -40.2934, 18.9476

Details

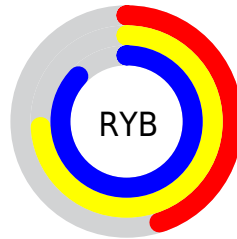
The XYZ color **39.7598, 58.1062, 44.2420** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.6090, 30.8815, 43.1999**, and the grayscale version is **45.1372, 47.4879, 51.7143**.

A 20% lighter version of the original color is **65.7798, 85.5187, 80.0576**, and **18.0671, 28.9500, 19.9649** is the 20% darker color. If you saturate the color by 10%, you get **36.1314, 56.3566, 38.6812**, and if you desaturate by 10%, it is **44.1923, 60.2616, 50.3766**.

Distribution



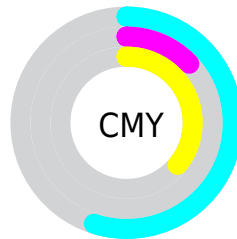
- Red (45%)
- Green (87%)
- Blue (64%)



- Red (45%)
- Yellow (74%)
- Blue (87%)



- Cyan (48%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)




- Cyan (55%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7598, 58.1062, 44.2420 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 39.7598, 58.1062, 44.2420 by changing the saturation by 10% instead.


 39.7598, 58.1062,
44.2420


 39.7598, 58.1062,
44.2420


336.2619,
417.5815, 379.7651


 27.5347, 41.8940,
30.5222


 74.0843, 102.0775,
82.8881

 18.1139, 29.0183,
19.9799


 96.9144, 130.6054,
108.6515

 11.1319, 19.0947,
12.1965


 124.0101,
164.0074, 139.2666

 6.2236, 11.7387,
6.7535

155.7370,
202.6678, 175.1518

 3.0235, 6.5660,
3.2323

192.4602,
246.9710, 216.7257

 1.1662, 3.1922,
1.2144

234.5452,

 0.0794, 1.2329,

297.3014, 264.4069

0.0000

282.3573,
354.0435, 318.6138

■ 0.0000, 0.0883,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.7598, 58.1062,
44.2420

■ 39.7598, 58.1062,
44.2420

■ 36.1314, 56.3566,
38.6812

■ 44.1923, 60.2616,
50.3766

■ 33.2494, 54.9787,
33.6731


■ 49.4723, 62.8403,
57.0973


■ 31.0551, 53.9443,
29.2007


■ 55.6455, 65.8670,
64.4212


■ 29.4786, 53.2175,
25.2448


■ 62.7531, 69.3627,
72.3633


 28.4257, 52.7502,
21.7840

 70.8333, 73.3467,
80.9381

 28.2078, 52.6551,
20.9957

 79.9224, 77.8377,
90.1595

 84.0385, 79.7514,
99.7594

 85.1475, 80.1950,
105.5992

Harmonies

Analogous

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



44.8007, 58.1062, 29.2191



39.7598, 58.1062, 44.2420



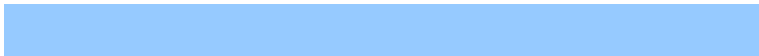
38.6288, 58.1062, 69.6087

Triad

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



39.7598, 58.1062, 44.2420



57.4000, 58.1062, 132.9409



71.6823, 58.1062, 36.3811

Complementary

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



39.7598, 58.1062, 44.2420



43.6090, 30.8815, 43.1999

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.



76.0090, 58.1062, 57.3241



39.7598, 58.1062, 44.2420



67.1598, 58.1062, 116.8827

Square

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



39.7598, 58.1062, 44.2420



48.1089, 58.1062, 126.3733



74.2637, 58.1062, 87.0894



63.0173, 58.1062, 25.7019

Rectangle

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



39.7598, 58.1062, 44.2420



40.1096, 58.1062, 90.4310



74.2637, 58.1062, 87.0894



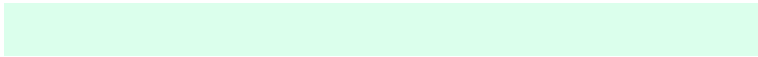
73.7360, 58.1062, 42.1742

Sweetspot

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



39.7613, 58.1086, 44.2433



80.1488, 92.6607, 92.7284



46.4107, 61.9464, 26.0346



16.7141, 19.6164, 19.3472



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.



39.7613, 58.1086, 44.2433



49.9927, 77.9509, 53.5341



45.4232, 60.3733, 74.0582



13.1328, 14.7048, 15.1624



16.4414, 30.6092, 12.4897



1.1083, 2.0003, 1.0363

Inverse Universe

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



43.6090, 30.8815, 43.1999



55.9154, 35.9914, 51.8919



39.5324, 29.2509, 21.7330



13.3502, 13.1692, 15.1054



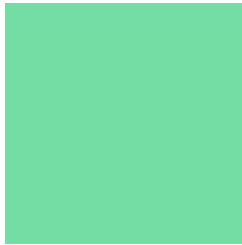
19.3486, 9.7405, 11.4815



1.2968, 0.6484, 0.9719

Previews

White Background



This preview shows how the XYZ color 39.7598, 58.1062, 44.2420 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 39.7598, 58.1062, 44.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

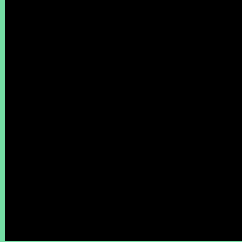
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7598, 58.1062, 44.2420

Background



This preview shows how black text looks on a background with the XYZ color 39.7598, 58.1062, 44.2420.

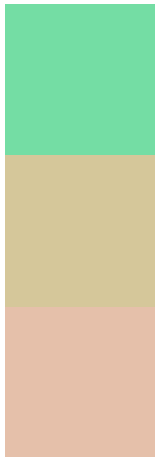


This preview shows how white text looks on a background with the XYZ color 39.7598, 58.1062,

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

39.7598, 58.1062, 44.2420

Protanopia

53.6967, 57.3261, 38.8068

Deuteranopia

58.4184, 57.2596, 46.0034



Tritanopia

47.4993, 57.7867, 83.5134

Trichromacy



Original Color

39.7598, 58.1062, 44.2420



Protanomaly

46.8445, 56.5592, 40.7958



Deuteranomaly

49.1629, 56.2304, 45.3082



Tritanomaly

44.1934, 57.5691, 67.1752

Monochromacy



Original Color

39.7598, 58.1062, 44.2420



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.1008, 50.4380, 48.5909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7598, 58.1062, 44.2420 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(116, 221, 164)` looks like.

```
.text, #text, p{  
    color:rgb(116, 221, 164)  
}
```

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(116, 221, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 221, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.7598, 58.1062, 44.2420 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(116, 221, 164) }
```


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

```
.border{ border-color:rgb(116, 221, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 221, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 221, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 221, 164);  
box-shadow:4px 4px 4px 4px rgb(116, 221,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7598, 58.1062, 44.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 221, 164) }
```

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

```
.background{ background-color: rgb(116,  
221, 164) }
```

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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