

Converting Colors

XYZ(42.7529, 43.6590, 78.3391)

Have a look what the booklet for
XYZ(42.7529, 43.6590, 78.3391)
contains.

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Color

**XYZ(42.7760, 43.8053,
78.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB1E2
RGB	154, 177, 226
RGB Percent	60%, 69%, 89%
CMY	0.3961, 0.3059, 0.1137
CMYK	0.32, 0.22, 0.00, 0.11
HSL	221°, 55%, 75%
HSV	221°, 32%, 89%
XYZ	42.7760, 43.8053, 78.1522
YIQ	175.7090, -29.4370, 10.3630

Conversions

Conversions Part 2

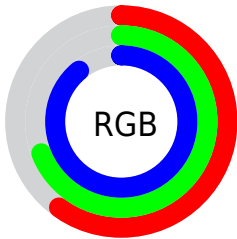
Format	Color
RYB	154, 171, 226
Decimal	10138082
CIELab	72.10, 3.44, -27.18
CIElCh	72, 27.393, 277.205
Yxy	43.8053, 0.2597, 0.2659
Android (android.graphics.Color)	4288328162 (0xFF9AB1E2)
YUV	175.7090, 24.7935, -19.0388
Hunter-Lab	66.1856, -0.4595, -23.6800

Details

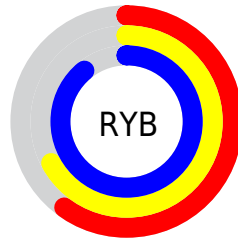
The XYZ color **42.7760, 43.8053, 78.1522** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.5534, 61.2142, 39.3026**, and the grayscale version is **41.0026, 43.1379, 46.9772**.

A 20% lighter version of the original color is **73.7673, 79.1995, 106.0068**, and **20.0511, 20.3742, 41.4039** is the 20% darker color. If you saturate the color by 10%, you get **36.0043, 36.0567, 77.0142**, and if you desaturate by 10%, it is **50.7028, 52.6596, 79.4442**.

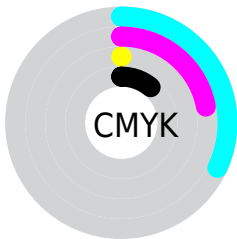
Distribution



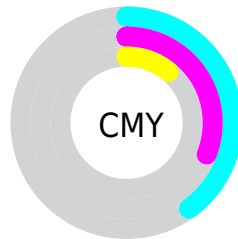
- Red (60%)
- Green (69%)
- Blue (89%)



- Red (60%)
- Yellow (67%)
- Blue (89%)



- Cyan (32%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7760, 43.8053, 78.1522 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 42.7760, 43.8053, 78.1522 by changing the saturation by 10% instead.

■ 42.7760, 43.8053,
78.1522

■ 42.7760, 43.8053,
78.1522

348.6269,
361.9132, 508.2252

■ 29.9032, 30.5175,
57.6818

■ 78.6305, 80.9247,
132.5525

■ 19.9128, 20.2317,
41.1399

■ 102.3430,
105.5250, 167.3195

■ 12.4396, 12.5636,
28.1079

130.3993,
134.6650, 207.6891

■ 7.1181, 7.1287,
18.1673

163.1649,
168.7290, 254.0798

■ 3.5831, 3.5427,
10.8995

201.0051,
208.1014, 306.9102

■ 1.4691, 1.4212,
5.8859

244.2852,

■ 0.3046, 0.2323,

253.1667, 366.5989

2.7082

293.3707,
304.3091, 433.5644

■ 0.0000, 0.0000,
0.9475

■ 0.0000, 0.0000,
0.0000

■ 42.7760, 43.8053,
78.1522

■ 42.7760, 43.8053,
78.1522

■ 36.0043, 36.0567,
77.0142

■ 50.7028, 52.6596,
79.4442

■ 30.3264, 29.3625,
76.0214

■ 59.8331, 62.6577,
80.8928

■ 25.6819, 23.6748,
75.1683

■ 70.2178, 73.8421,
82.5043

■ 22.0021, 18.9395,
74.4483

■ 81.9035, 86.2514,
84.2836

■ 19.2091, 15.0964,
73.8537

■ 90.3792, 97.5743,
86.0225

■ 17.2113, 12.0768,
73.3762

■ 90.7276, 98.2710,
86.1386

■ 16.0578, 10.1514,
73.0653

Harmonies

Analogous

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



38.2413, 43.8053, 75.6611



42.7760, 43.8053, 78.1522



47.3252, 43.8053, 71.3437

Triad

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



42.7760, 43.8053, 78.1522



49.2326, 43.8053, 33.7324



33.8690, 43.8053, 38.3809

Complementary

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



42.7760, 43.8053, 78.1522



58.5534, 61.2142, 39.3026

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.



36.4214, 43.8053, 29.9540



42.7760, 43.8053, 78.1522



45.2251, 43.8053, 27.6426

Square

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



42.7760, 43.8053, 78.1522



51.2301, 43.8053, 44.5326



40.5157, 43.8053, 26.4023



33.3207, 43.8053, 51.0069

Rectangle

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



42.7760, 43.8053, 78.1522



49.6786, 43.8053, 63.0834



40.5157, 43.8053, 26.4023



34.5112, 43.8053, 35.0402

Sweetspot

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



42.7774, 43.8070, 78.1532



80.9945, 84.9036, 106.7269



51.1845, 65.5279, 65.8286



16.9425, 17.7463, 22.7824



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.



42.7774, 43.8070, 78.1532



50.3798, 50.9184, 101.7807



41.0102, 36.7105, 76.8766



13.3077, 13.9545, 17.3798



9.2558, 5.9813, 41.7150



0.7205, 0.5724, 2.9178

Inverse Universe

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



50.8566, 42.4556, 47.1111



62.6753, 49.4244, 54.4123



60.7616, 71.0228, 41.0795



13.8868, 13.7723, 15.1739



18.6121, 9.5119, 4.6232



1.3299, 0.6752, 0.5302

Previews

White Background



This preview shows how the XYZ color 42.7760, 43.8053, 78.1522 looks on a white background.

Color Contrast Check

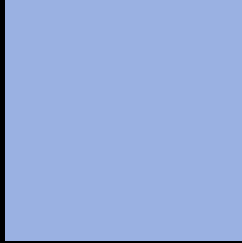
Large Text (above 18pt) WCAG AA × Fail

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 42.7760, 43.8053, 78.1522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

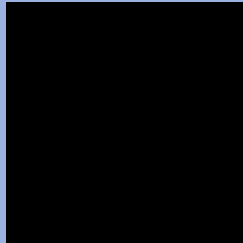
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7760, 43.8053, 78.1522

Background



This preview shows how black text looks on a background with the XYZ color 42.7760, 43.8053, 78.1522.



This preview shows how white text looks on a background with the XYZ color 42.7760, 43.8053,

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

42.7760, 43.8053, 78.1522

Protanopia

44.0944, 43.9343, 76.6771

Deuteranopia

44.7450, 43.6487, 78.7398



Tritanopia

39.0187, 43.7830, 59.2178

Trichromacy



Original Color

42.7760, 43.8053, 78.1522

Protanomaly

43.6131, 43.9605, 77.4207

Deuteranomaly

43.9015, 43.4995, 78.7554

Tritanomaly

40.2841, 43.6806, 65.9825

Monochromacy



Original Color

42.7760, 43.8053, 78.1522

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4114, 43.2705, 57.2084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7760, 43.8053, 78.1522 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(154, 177, 226)` looks like.

```
.text, #text, p{  
    color:rgb(154, 177, 226)  
}
```

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(154, 177, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 177, 226) }
```

Border

The CSS property to change the border of an element to XYZ 42.7760, 43.8053, 78.1522 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(154, 177, 226) }
```


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

```
.border{ border-color:rgb(154, 177, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 177, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 177, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 177, 226);  
box-shadow:4px 4px 4px 4px rgb(154, 177,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7760, 43.8053, 78.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 177, 226) }
```

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

```
.background{ background-color: rgb(154,  
177, 226) }
```

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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