

Converting Colors

XYZ(42.7986, 51.5151, 78.2087)

Have a look what the booklet for
XYZ(42.7986, 51.5151, 78.2087)
contains.

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Color

**XYZ(42.7986, 51.5151,
78.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC9E0
RGB	125, 201, 224
RGB Percent	49%, 79%, 88%
CMY	0.5098, 0.2118, 0.1216
CMYK	0.44, 0.10, 0.00, 0.12
HSL	194°, 61%, 68%
HSV	194°, 44%, 88%
XYZ	42.7986, 51.5151, 78.2087
YIQ	180.8980, -52.6790, -8.9590

Conversions

Conversions Part 2

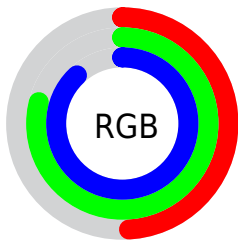
Format	Color
R _{YB}	125, 168, 224
Decimal	8243680
CIE Lab	76.99, -17.58, -18.79
CIE LCh	77, 25.730, 226.896
Yxy	51.5151, 0.2481, 0.2986
Android (android.graphics.Color)	4286433760 (0xFF7DC9E0)
YUV	180.8980, 21.2493, -49.0225
Hunter-Lab	71.7740, -19.1656, -14.3636

Details

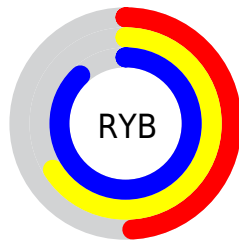
The XYZ color **42.7986, 51.5151, 78.2087** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.0330, 38.5086, 24.4628**, and the grayscale version is **43.7765, 46.0562, 50.1552**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **19.9790, 24.9610, 41.3011** is the 20% darker color. If you saturate the color by 10%, you get **38.6977, 47.6317, 77.6762**, and if you desaturate by 10%, it is **47.6812, 55.8648, 78.7919**.

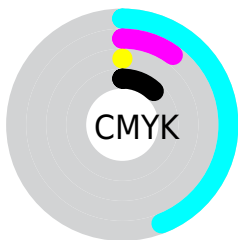
Distribution



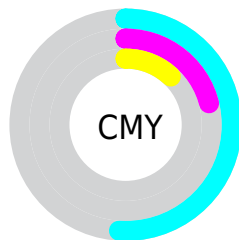
- Red (49%)
- Green (79%)
- Blue (88%)



- Red (49%)
- Yellow (66%)
- Blue (88%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7986, 51.5151, 78.2087 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 42.7986, 51.5151, 78.2087 by changing the saturation by 10% instead.

■ 42.7986, 51.5151,
78.2087

■ 42.7986, 51.5151,
78.2087

348.7184,
392.5618, 508.4220

■ 29.9210, 36.6187,
57.7280

■ 78.6645, 92.4157,
132.6328

■ 19.9264, 24.9124,
41.1767

■ 102.3834,
119.1887, 167.4133

■ 12.4495, 16.0118,
28.1365

■ 130.4468,
150.6894, 207.7974

■ 7.1249, 9.5325,
18.1886

163.2200,
187.3022, 254.2038

■ 3.5874, 5.0901,
10.9147

201.0685,
229.4114, 307.0509

■ 1.4715, 2.3002,
5.8960

244.3574,

■ 0.3063, 0.7738,

277.4015, 366.7572

2.7142

293.4523,
331.6568, 433.7414

■ 0.0000, 0.0000,
0.9506

■ 0.0000, 0.0000,
0.0000

■ 42.7986, 51.5151,
78.2087

■ 42.7986, 51.5151,
78.2087

■ 38.6977, 47.6317,
77.6762

■ 47.6812, 55.8648,
78.7919

■ 35.3230, 44.1819,
77.1882

■ 53.3865, 60.6991,
79.4243

■ 32.6194, 41.1379,
76.7431

■ 59.9584, 66.0423,
80.1092

■ 30.5210, 38.4651,
76.3378

■ 67.4361, 71.9153,
80.8487

■ 28.9478, 36.1216,
75.9684

■ 75.8564, 78.3374,
81.6445

■ 28.2004, 34.8733,
75.7668

■ 83.6149, 84.4823,
82.4217

■ 85.1034, 87.4593,
82.9178

■ 86.6356, 90.5237,
83.4286

■ 88.2120, 93.6765,
83.9540

Harmonies

Analogous

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



40.4839, 51.5151, 64.3116



42.7986, 51.5151, 78.2087



46.8566, 51.5151, 86.7188

Triad

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



42.7986, 51.5151, 78.2087



58.7337, 51.5151, 62.4395



46.2739, 51.5151, 34.0162

Complementary

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



42.7986, 51.5151, 78.2087



45.0330, 38.5086, 24.4628

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.



51.1327, 51.5151, 33.6860



42.7986, 51.5151, 78.2087



58.5516, 51.5151, 48.6030

Square

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



42.7986, 51.5151, 78.2087



56.1759, 51.5151, 76.6425



55.6938, 51.5151, 38.5942



42.3966, 51.5151, 39.5873

Rectangle

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



42.7986, 51.5151, 78.2087



50.1044, 51.5151, 87.3997



55.6938, 51.5151, 38.5942



47.8401, 51.5151, 33.3257

Sweetspot

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



42.8002, 51.5171, 78.2099



81.4806, 89.4305, 107.5751



40.3377, 59.7617, 36.7886



16.9922, 18.7841, 22.9800



0.0000, 0.0000, 0.0000



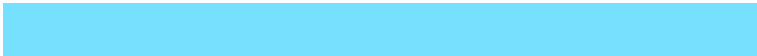
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8002, 51.5171, 78.2099



52.3242, 64.3009, 104.2613



33.3127, 32.5420, 75.0474



13.8325, 15.0042, 17.5547



16.5060, 20.4816, 44.1318



1.2105, 1.5524, 3.0811

Inverse Universe

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



48.6180, 34.7329, 59.4022



61.3393, 40.0172, 74.7307



54.1719, 56.7865, 27.5091



14.1517, 13.8783, 16.5690



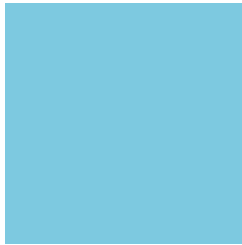
22.2717, 10.9757, 23.8942



1.5773, 0.7742, 1.8326

Previews

White Background



This preview shows how the XYZ color 42.7986, 51.5151, 78.2087 looks on a white background.

Color Contrast Check

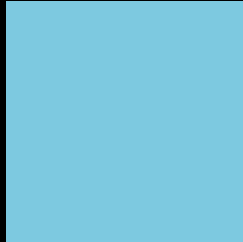
Large Text (above 18pt) WCAG AA × Fail

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 42.7986, 51.5151, 78.2087 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

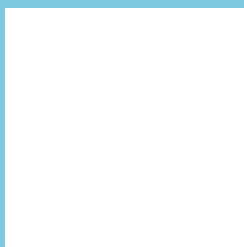
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7986, 51.5151, 78.2087

Background



This preview shows how black text looks on a background with the XYZ color 42.7986, 51.5151, 78.2087.



This preview shows how white text looks on a background with the XYZ color 42.7986, 51.5151,

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

42.7986, 51.5151, 78.2087

Protanopia

50.2565, 51.1870, 71.5213

Deuteranopia

52.2004, 51.0628, 79.7779



Tritanopia

41.9438, 51.5140, 74.0622

Trichromacy



Original Color

42.7986, 51.5151, 78.2087

Protanomaly

46.8291, 50.9884, 73.7033

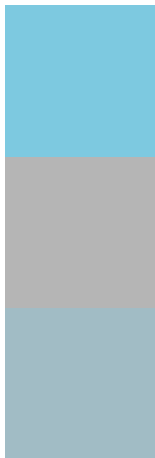
Deuteranomaly

48.0842, 50.8596, 79.2341

Tritanomaly

42.3510, 51.6935, 75.4558

Monochromacy



Original Color

42.7986, 51.5151, 78.2087

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.7592, 47.5747, 59.7525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7986, 51.5151, 78.2087 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, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(125, 201, 224)  
}
```

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, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 201, 224) }
```

Border

The CSS property to change the border of an element to XYZ 42.7986, 51.5151, 78.2087 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, 201, 224) }
```


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

```
.border{ border-color:rgb(125, 201, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 201, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(125, 201,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7986, 51.5151, 78.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 201, 224) }
```

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

```
.background{ background-color: rgb(125,  
201, 224) }
```

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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