

Converting Colors

XYZ(43.2080, 51.6074, 78.4897)

Have a look what the booklet for
XYZ(43.2080, 51.6074, 78.4897)
contains.

XYZ(43.2433, 51.7443, 78.2295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2433, 51.7443,
78.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	80C9E0
RGB	128, 201, 224
RGB Percent	50%, 79%, 88%
CMY	0.4980, 0.2118, 0.1216
CMYK	0.43, 0.10, 0.00, 0.12
HSL	194°, 61%, 69%
HSV	194°, 43%, 88%
XYZ	43.2433, 51.7443, 78.2295
YIQ	181.7950, -50.8910, -8.3230

Conversions

Conversions Part 2

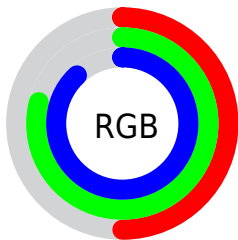
Format	Color
R _Y B	128, 169, 224
Decimal	8440288
CIE Lab	77.13, -16.85, -18.56
CIE LCh	77, 25.073, 227.766
Yxy	51.7443, 0.2496, 0.2987
Android (android.graphics.Color)	4286630368 (0xFF80C9E0)
YUV	181.7950, 20.8071, -47.1782
Hunter-Lab	71.9335, -18.5772, -14.1259

Details

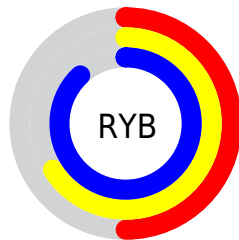
The XYZ color **43.2433, 51.7443, 78.2295** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7044, 39.5401, 25.6467**, and the grayscale version is **44.2636, 46.5687, 50.7134**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **20.1937, 25.0716, 41.3111** is the 20% darker color. If you saturate the color by 10%, you get **39.0098, 47.7382, 77.6803**, and if you desaturate by 10%, it is **48.2674, 56.2252, 78.8305**.

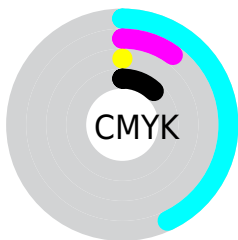
Distribution



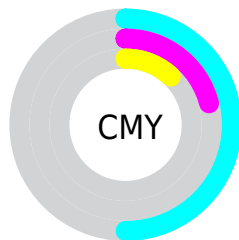
- Red (50%)
- Green (79%)
- Blue (88%)



- Red (50%)
- Yellow (66%)
- Blue (88%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2433, 51.7443, 78.2295 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 43.2433, 51.7443, 78.2295 by changing the saturation by 10% instead.

■ 43.2433, 51.7443,
78.2295

■ 43.2433, 51.7443,
78.2295

350.5160,
393.4487, 508.4944

■ 30.2714, 36.8013,
57.7450

■ 79.3313, 92.7540,
132.6624

■ 20.1938, 25.0537,
41.1903

■ 103.1781,
119.5895, 167.4479

■ 12.6451, 16.1171,
28.1470

■ 131.3806,
151.1580, 207.8373

■ 7.2599, 9.6070,
18.1965

164.3042,
187.8439, 254.2494

■ 3.6729, 5.1392,
10.9202

202.3141,
230.0315, 307.1026

■ 1.5188, 2.3292,
5.8997

245.7759,

■ 0.3386, 0.7891,

278.1052, 366.8155

2.7164

295.0547,
332.4495, 433.8066

■ 0.0000, 0.0000,
0.9517

■ 0.0000, 0.0000,
0.0000

■ 43.2433, 51.7443,
78.2295

■ 43.2433, 51.7443,
78.2295

■ 39.0098, 47.7382,
77.6803

■ 48.2674, 56.2252,
78.8305

■ 35.5122, 44.1744,
77.1768

■ 54.1227, 61.1990,
79.4820


■ 32.6961, 41.0256,
76.7174


■ 60.8527, 66.6899,
80.1871


■ 30.4971, 38.2579,
76.2991


■ 68.4962, 72.7185,
80.9479


 28.8377, 35.8305,
75.9180


 77.0897, 79.3043,
81.7661

 27.8928, 34.2580,
75.6643

 83.8908, 85.0340,
82.5136

 85.4349, 88.1223,
83.0283

 87.0257, 91.3038,
83.5586

 88.6635, 94.5794,
84.1045

Harmonies

Analogous

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



40.9167, 51.7443, 64.7843



43.2433, 51.7443, 78.2295



47.2543, 51.7443, 86.2719

Triad

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



43.2433, 51.7443, 78.2295



58.7491, 51.7443, 62.1206



46.4225, 51.7443, 34.7582

Complementary

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



43.2433, 51.7443, 78.2295



45.7044, 39.5401, 25.6467

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.



51.1602, 51.7443, 34.2826



43.2433, 51.7443, 78.2295



58.4902, 51.7443, 48.6647

Square

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



43.2433, 51.7443, 78.2295



56.3254, 51.7443, 76.0087



55.6397, 51.7443, 38.9709



42.6685, 51.7443, 40.3970

Rectangle

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



43.2433, 51.7443, 78.2295



50.4373, 51.7443, 86.7474



55.6397, 51.7443, 38.9709



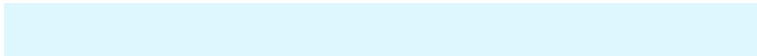
47.9465, 51.7443, 34.0267

Sweetspot

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



43.2449, 51.7463, 78.2307



81.4069, 89.2831, 107.5505



41.0964, 60.1166, 38.4626



16.9739, 18.7474, 22.9739



0.0000, 0.0000, 0.0000



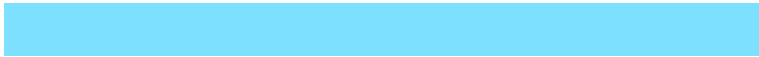
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2449, 51.7463, 78.2307



53.1139, 64.8037, 104.3167



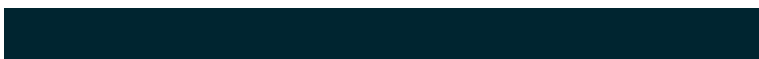
33.8478, 32.9520, 75.0983



13.8238, 14.9867, 17.5518



16.3287, 20.1269, 44.0726



1.1995, 1.5305, 3.0774

Inverse Universe

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



49.0036, 35.5042, 59.5307



62.0007, 41.2879, 75.1117



54.9236, 57.9784, 28.7198



14.1473, 13.8765, 16.5457



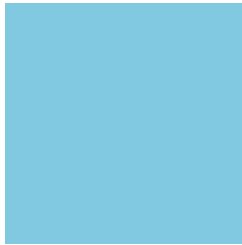
22.1822, 10.9399, 23.4228



1.5717, 0.7720, 1.8035

Previews

White Background



This preview shows how the XYZ color 43.2433, 51.7443, 78.2295 looks on a white background.

Color Contrast Check

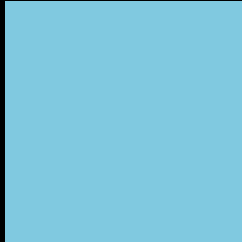
Large Text (above 18pt) WCAG AA × Fail

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 43.2433, 51.7443, 78.2295 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 43.2433, 51.7443, 78.2295

Background



This preview shows how black text looks on a background with the XYZ color 43.2433, 51.7443, 78.2295.



This preview shows how white text looks on a background with the XYZ color 43.2433, 51.7443,

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

43.2433, 51.7443, 78.2295

Protanopia

50.3855, 51.2386, 72.2002

Deuteranopia

52.2004, 51.0628, 79.7779



Tritanopia

42.3796, 51.7386, 74.0826

Trichromacy



Original Color

43.2433, 51.7443, 78.2295

Protanomaly

47.1660, 51.1469, 74.4043

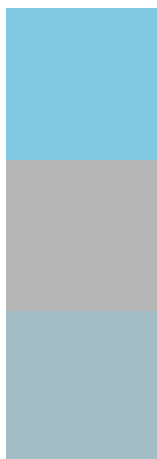
Deuteranomaly

48.2946, 50.9681, 79.2439

Tritanomaly

42.7912, 51.9204, 75.4764

Monochromacy



Original Color

43.2433, 51.7443, 78.2295

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.1759, 48.1078, 59.8334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2433, 51.7443, 78.2295 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(128, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 201, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.2433, 51.7443, 78.2295 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(128, 201, 224) }
```


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

```
.border{ border-color:rgb(128, 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(128, 201, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(128, 201,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2433, 51.7443, 78.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 201, 224) }
```

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

```
.background{ background-color: rgb(128,  
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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