

Converting Colors

XYZ(43.6440, 53.6483, 82.5502)

Have a look what the booklet for
XYZ(43.6440, 53.6483, 82.5502)
contains.

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Color

**XYZ(43.6904, 53.6377,
82.9133)**

Conversions

Conversions Part 1

Format	Color
Hex	75CEE6
RGB	117, 206, 230
RGB Percent	46%, 81%, 90%
CMY	0.5412, 0.1921, 0.0980
CMYK	0.49, 0.10, 0.00, 0.10
HSL	193°, 69%, 68%
HSV	193°, 49%, 90%
XYZ	43.6904, 53.6377, 82.9133
YIQ	182.1250, -60.7480, -11.4040

Conversions

Conversions Part 2

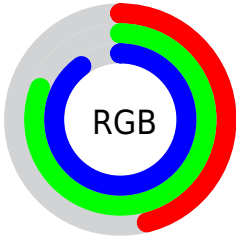
Format	Color
RYB	117, 167, 230
Decimal	7720678
CIELab	78.25, -20.37, -20.14
CIELCh	78, 28.642, 224.668
Yxy	53.6377, 0.2424, 0.2976
Android (android.graphics.Color)	4285910758 (0xFF75CEE6)
YUV	182.1250, 23.6024, -57.1146
Hunter-Lab	73.2378, -21.6809, -15.8564

Details

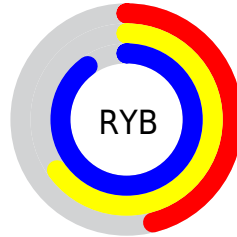
The XYZ color **43.6904, 53.6377, 82.9133** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **45.3702, 37.1585, 21.6124**, and the grayscale version is **44.4322, 46.7462, 50.9066**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **20.4991, 26.3532, 44.0507** is the 20% darker color. If you saturate the color by 10%, you get **39.8141, 49.9218, 82.4013**, and if you desaturate by 10%, it is **48.3658, 57.8221, 83.4755**.

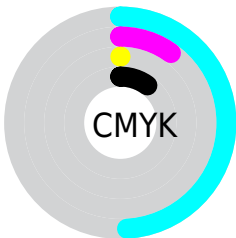
Distribution



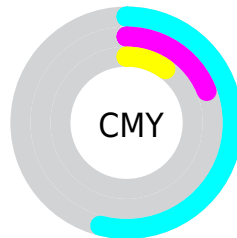
- Red (46%)
- Green (81%)
- Blue (90%)



- Red (46%)
- Yellow (65%)
- Blue (90%)



- Cyan (49%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (54%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6904, 53.6377, 82.9133 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 43.6904, 53.6377, 82.9133 by changing the saturation by 10% instead.

43.6904, 53.6377,
82.9133

43.6904, 53.6377,
82.9133

352.3170,
400.7269, 524.6610

30.6241, 38.3121,
61.5784

80.0009, 95.5421,
139.3022

20.4632, 26.2250,
44.2586

103.9758,
122.8896, 175.1933

12.8424, 16.9920,
30.5351

132.3175,
155.0133, 216.7735

7.3963, 10.2288,
19.9896

165.3915,
192.2974, 264.4614

3.7597, 5.5509,
12.2035

203.5631,
235.1265, 318.6756

1.5671, 2.5740,
6.7582

247.1976,

0.3708, 0.9136,

283.8848, 379.8346

3.2352

296.6605,
338.9568, 448.3568

■ 0.0000, 0.0000,
1.2160

■ 0.0000, 0.0000,
0.0000

■ 43.6904, 53.6377,
82.9133

■ 43.6904, 53.6377,
82.9133

■ 39.8141, 49.9218,
82.4013

■ 48.3658, 57.8221,
83.4755

■ 36.6747, 46.6384,
81.9330


■ 53.8863, 62.4958,
84.0867


■ 34.2093, 43.7558,
81.5066


■ 60.3004, 67.6854,
84.7503


■ 32.3410, 41.2337,
81.1182


■ 67.6514, 73.4136,
85.4685


 30.9502, 39.0101,
80.7623


 75.9797, 79.7018,
86.2433

 30.8382, 38.8235,
80.7322

 85.3208, 86.5687,
87.0764

 86.7411, 89.4093,
87.5499

 88.2002, 92.3273,
88.0362

 89.6982, 95.3235,
88.5355

Harmonies

Analogous

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



41.2448, 53.6377, 66.5765



43.6904, 53.6377, 82.9133



48.1828, 53.6377, 93.5343

Triad

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



43.6904, 53.6377, 82.9133



62.1033, 53.6377, 66.9541



48.2990, 53.6377, 33.3318

Complementary

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



43.6904, 53.6377, 82.9133



45.3702, 37.1585, 21.6124

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.



53.8856, 53.6377, 33.3955



43.6904, 53.6377, 82.9133



62.1402, 53.6377, 50.9262

Square

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



43.6904, 53.6377, 82.9133



58.9434, 53.6377, 83.2331



59.0407, 53.6377, 39.2715



43.7701, 53.6377, 39.0777

Rectangle

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



43.6904, 53.6377, 82.9133



51.8637, 53.6377, 94.9052



59.0407, 53.6377, 39.2715



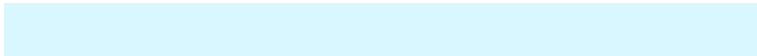
50.1085, 53.6377, 32.7136

Sweetspot

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



43.6921, 53.6397, 82.9146



79.8140, 88.3794, 107.4600



40.3386, 62.2585, 34.5494



16.6731, 18.5947, 22.9603



0.0000, 0.0000, 0.0000



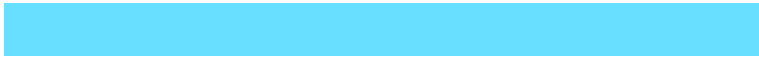
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6921, 53.6397, 82.9146



50.2233, 62.9968, 104.1203



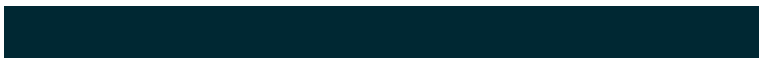
32.6712, 31.5980, 79.2409



14.5340, 15.7894, 18.4260



17.5507, 22.1636, 45.7362



1.3620, 1.7680, 3.4014

Inverse Universe

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



50.1365, 34.0035, 62.3155



59.5715, 36.6020, 73.7707



55.6078, 57.6339, 25.0249



14.8571, 14.5600, 17.4481



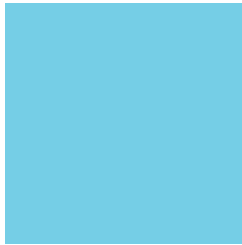
23.2523, 11.4351, 26.0214



1.7511, 0.8582, 2.0959

Previews

White Background



This preview shows how the XYZ color 43.6904, 53.6377, 82.9133 looks on a white background.

Color Contrast Check

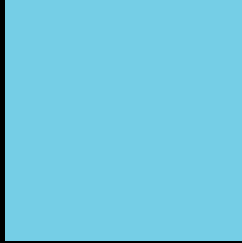
Large Text (above 18pt) WCAG AA × Fail

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 43.6904, 53.6377, 82.9133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

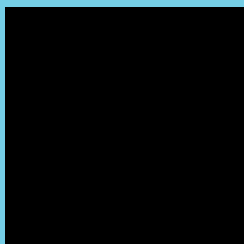
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

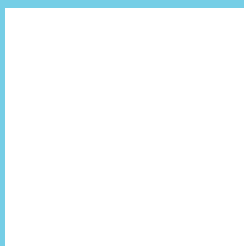
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6904, 53.6377, 82.9133

Background



This preview shows how black text looks on a background with the XYZ color 43.6904, 53.6377, 82.9133.



This preview shows how white text looks on a background with the XYZ color 43.6904, 53.6377,

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

43.6904, 53.6377, 82.9133

Protanopia

52.2881, 53.1203, 75.2075

Deuteranopia

54.3204, 52.9833, 85.2057



Tritanopia

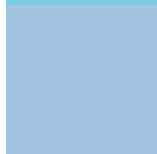
42.8376, 53.6523, 78.6192

Trichromacy



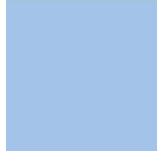
Original Color

43.6904, 53.6377, 82.9133



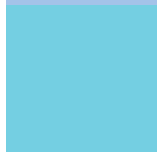
Protanomaly

48.0948, 52.5431, 78.1280



Deuteranomaly

49.5329, 52.8059, 84.6727



Tritanomaly

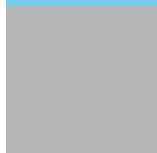
43.2427, 53.8296, 80.0625

Monochromacy



Original Color

43.6904, 53.6377, 82.9133



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

43.0402, 48.6542, 61.1556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6904, 53.6377, 82.9133 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(117, 206, 230)` looks like.

```
.text, #text, p{  
    color:rgb(117, 206, 230)  
}
```

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(117, 206, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 206, 230) }
```

Border

The CSS property to change the border of an element to XYZ 43.6904, 53.6377, 82.9133 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(117, 206, 230) }
```


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

```
.border{ border-color:rgb(117, 206, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 206, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 206, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 206, 230);  
box-shadow:4px 4px 4px 4px rgb(117, 206,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6904, 53.6377, 82.9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 206, 230) }
```

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

```
.background{ background-color: rgb(117,  
206, 230) }
```

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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