

Converting Colors

XYZ(43.0016, 56.4171, 74.2696)

Have a look what the booklet for
XYZ(43.0016, 56.4171, 74.2696)
contains.

XYZ(43.0014, 56.4179, 74.2690)	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(43.0014, 56.4179,
74.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	6ED6D9
RGB	110, 214, 217
RGB Percent	43%, 84%, 85%
CMY	0.5686, 0.1608, 0.1490
CMYK	0.49, 0.01, 0.00, 0.15
HSL	182°, 58%, 64%
HSV	182°, 49%, 85%
XYZ	43.0014, 56.4179, 74.2690
YIQ	183.2460, -62.9470, -21.1150

Conversions

Conversions Part 2

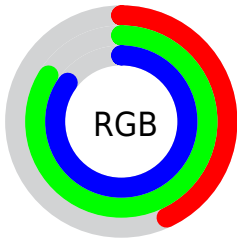
Format	Color
RYB	110, 163, 217
Decimal	7263961
CIELab	79.85, -29.31, -10.79
CIELCh	80, 31.234, 200.216
Yxy	56.4179, 0.2476, 0.3248
Android (android.graphics.Color)	4285454041 (0xFF6ED6D9)
YUV	183.2460, 16.6407, -64.2367
Hunter-Lab	75.1118, -29.2548, -6.0464

Details

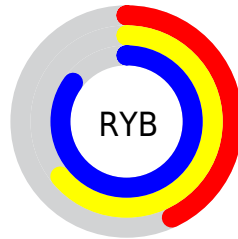
The XYZ color **43.0014, 56.4179, 74.2690** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.3360, 27.6888, 18.1300**, and the grayscale version is **45.0826, 47.4304, 51.6517**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **20.0464, 27.9858, 38.5277** is the 20% darker color. If you saturate the color by 10%, you get **40.4719, 54.8872, 74.1079**, and if you desaturate by 10%, it is **46.1959, 58.2949, 74.4639**.

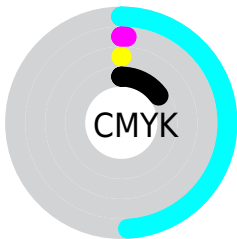
Distribution



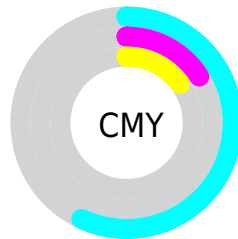
- Red (43%)
- Green (84%)
- Blue (85%)



- Red (43%)
- Yellow (64%)
- Blue (85%)



- Cyan (49%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0014, 56.4179, 74.2690 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 43.0014, 56.4179, 74.2690 by changing the saturation by 10% instead.

43.0014, 56.4179,
74.2690

43.0014, 56.4179,
74.2690

349.5389,
411.2645, 494.5895

30.0807, 40.5381,
54.5161

78.9687, 99.6153,
127.0146

20.0483, 27.9583,
38.6185

102.7460,
127.7017, 160.8444

12.5386, 18.2942,
26.1575

130.8729,
160.6258, 200.2036

7.1864, 11.1614,
16.7147

163.7148,
198.7719, 245.5108

3.6263, 6.1755,
9.8715

201.6370,
242.5244, 297.1844

1.4930, 2.9521,
5.2093

245.0048,

0.3210, 1.1068,

292.2677, 355.6430

2.3097

294.1837,
348.3863, 421.3052

■ 0.0000, 0.0000,
0.7367

■ 0.0000, 0.0000,
0.0000

■ 43.0014, 56.4179,
74.2690

■ 43.0014, 56.4179,
74.2690

■ 40.4719, 54.8872,
74.1079

■ 46.1959, 58.2949,
74.4639

■ 38.5531, 53.6709,
73.9742


■ 50.0945, 60.5344,
74.6907

■ 37.1909, 52.7423,
73.8668


■ 54.7392, 63.1595,
74.9526


■ 36.3191, 52.0674,
73.7825


■ 60.1673, 66.1892,
75.2513


 35.8286, 51.5899,
73.7161


 66.4137, 69.6416,
75.5885

 35.7993, 51.5592,
73.7118

 73.5109, 73.5335,
75.9656

 78.9034, 76.5474,
76.2631

 79.0616, 76.8639,
76.3159

 79.2204, 77.1815,
76.3688

Harmonies

Analogous

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



42.5093, 56.4179, 55.6988



43.0014, 56.4179, 74.2690



46.2117, 56.4179, 92.2714

Triad

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



43.0014, 56.4179, 74.2690



63.5230, 56.4179, 86.5215



55.7168, 56.4179, 33.1014

Complementary

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



43.0014, 56.4179, 74.2690



37.3360, 27.6888, 18.1300

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.



61.7883, 56.4179, 38.3627



43.0014, 56.4179, 74.2690



66.5236, 56.4179, 67.5404

Square

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



43.0014, 56.4179, 74.2690



57.9370, 56.4179, 100.2540



65.8649, 56.4179, 50.1622



49.5296, 56.4179, 34.1988

Rectangle

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



43.0014, 56.4179, 74.2690



49.6115, 56.4179, 100.3787



65.8649, 56.4179, 50.1622



57.8462, 56.4179, 34.1380

Sweetspot

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



43.0031, 56.4201, 74.2703



82.0101, 92.7715, 108.1920



34.1572, 54.1070, 23.9110



17.2073, 19.6633, 23.1384



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.



43.0031, 56.4201, 74.2703



58.2529, 79.0558, 106.7968



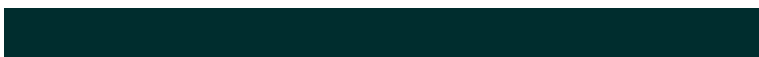
31.8267, 34.0673, 70.5449



13.4120, 14.7637, 16.7949



21.6844, 31.2382, 44.6251



1.4149, 2.0439, 2.8944

Inverse Universe

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



46.3303, 30.7601, 67.1161



63.6245, 38.2232, 95.1132



44.9374, 42.8916, 20.6638



13.5978, 13.2682, 16.4093



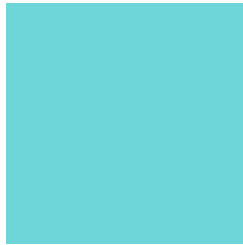
24.4406, 11.7773, 38.2959



1.5885, 0.7650, 2.5078

Previews

White Background



This preview shows how the XYZ color 43.0014, 56.4179, 74.2690 looks on a white background.

Color Contrast Check

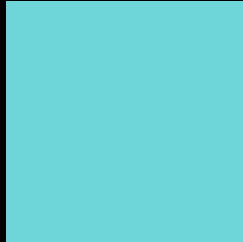
Large Text (above 18pt) WCAG AA × Fail

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 43.0014, 56.4179, 74.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

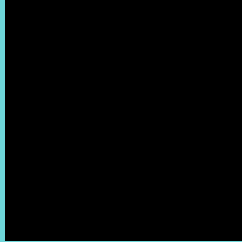
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0014, 56.4179, 74.2690

Background



This preview shows how black text looks on a background with the XYZ color 43.0014, 56.4179, 74.2690.



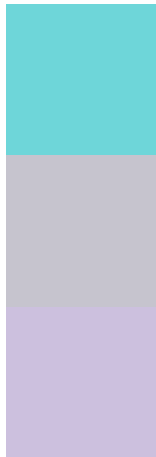
This preview shows how white text looks on a background with the XYZ color 43.0014, 56.4179,

74.2690.

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

43.0014, 56.4179, 74.2690

Protanopia

54.1692, 55.9419, 66.3354

Deuteranopia

56.9363, 55.8106, 76.8789



Tritanopia

44.6258, 56.3215, 82.6479

Trichromacy



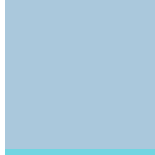
Original Color

43.0014, 56.4179, 74.2690



Protanomaly

48.7147, 55.4720, 69.1124



Deuteranomaly

50.1501, 55.0219, 75.6872



Tritanomaly

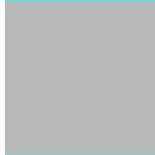
44.1949, 56.5355, 79.8173

Monochromacy



Original Color

43.0014, 56.4179, 74.2690



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.8524, 49.5916, 58.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0014, 56.4179, 74.2690 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(110, 214, 217)` looks like.

```
.text, #text, p{  
    color:rgb(110, 214, 217)  
}
```

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(110, 214, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 214, 217) }
```

Border

The CSS property to change the border of an element to XYZ 43.0014, 56.4179, 74.2690 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(110, 214, 217) }
```


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

```
.border{ border-color:rgb(110, 214, 217) }
```

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

Here you see how a box with a 4 pixel rgb(110, 214, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 214, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 214, 217);  
box-shadow:4px 4px 4px 4px rgb(110, 214,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0014, 56.4179, 74.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 214, 217) }
```

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

```
.background{ background-color: rgb(110,  
214, 217) }
```

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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