

Converting Colors

XYZ(43.8760, 56.9149, 72.2920)

Have a look what the booklet for
XYZ(43.8760, 56.9149, 72.2920)
contains.

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Color

**XYZ(43.9299, 56.9412,
72.2937)**

Conversions

Conversions Part 1

Format	Color
Hex	78D6D6
RGB	120, 214, 214
RGB Percent	47%, 84%, 84%
CMY	0.5294, 0.1608, 0.1608
CMYK	0.44, 0.00, 0.00, 0.16
HSL	180°, 53%, 65%
HSV	180°, 44%, 84%
XYZ	43.9299, 56.9412, 72.2937
YIQ	185.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

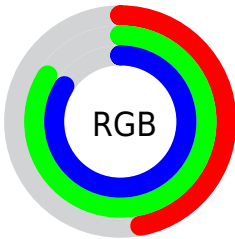
Format	Color
RYB	120, 167, 214
Decimal	7919318
CIELab	80.15, -27.84, -8.71
CIELCh	80, 29.171, 197.371
Yxy	56.9412, 0.2537, 0.3288
Android (android.graphics.Color)	4286109398 (0xFF78D6D6)
YUV	185.8940, 13.8563, -57.7890
Hunter-Lab	75.4594, -28.1373, -3.9811

Details

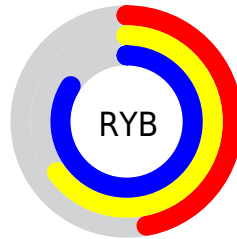
The XYZ color **43.9299, 56.9412, 72.2937** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.8402, 29.0869, 21.3913**, and the grayscale version is **46.5616, 48.9864, 53.3462**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **20.5806, 28.2916, 37.1770** is the 20% darker color. If you saturate the color by 10%, you get **41.2876, 55.5804, 72.1710**, and if you desaturate by 10%, it is **47.2388, 58.6483, 72.4501**.

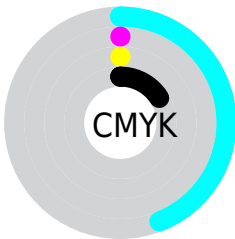
Distribution



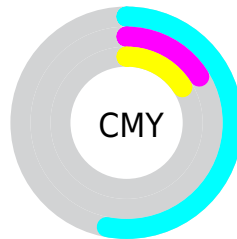
- Red (47%)
- Green (84%)
- Blue (84%)



- Red (47%)
- Yellow (65%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (53%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9299, 56.9412, 72.2937 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 43.9299, 56.9412, 72.2937 by changing the saturation by 10% instead.

 43.9299, 56.9412,
72.2937


 43.9299, 56.9412,
72.2937


353.2792,
413.2289, 487.5682


 30.8131, 40.9580,
52.9103


 80.3592, 100.3794,
124.1856

 20.6077, 28.2863,
37.3440


 104.4025,
128.6032, 157.5312

 12.9484, 18.5416,
25.1760


 132.8186,
161.6760, 196.3680

 7.4697, 11.3395,
15.9880

165.9729,
199.9822, 241.1145

 3.8065, 6.2957,
9.3614

204.2307,
243.9062, 292.1892

 1.5933, 3.0257,
4.8777

247.9575,

 0.3880, 1.1452,

293.8324, 350.0107

2.1182

297.5185,
350.1452, 414.9975

■ 0.0000, 0.0162,
0.6266

■ 0.0000, 0.0000,
0.0000

■ 43.9299, 56.9412,
72.2937

■ 43.9299, 56.9412,
72.2937

■ 41.2876, 55.5804,
72.1710

■ 47.2388, 58.6483,
72.4501

■ 39.2622, 54.5363,
72.0759


■ 51.2498, 60.7161,
72.6381


■ 37.8050, 53.7851,
72.0074


■ 56.0019, 63.1659,
72.8609


■ 36.8581, 53.2969,
71.9627

■ 61.5298, 66.0156,
73.1199


 36.3510, 53.0355,
71.9387


 67.8661, 69.2821,
73.4167

 36.1849, 52.9499,
71.9307

 75.0413, 72.9810,
73.7528

 77.4257, 74.2102,
73.8647

 77.4257, 74.2102,
73.8651

 77.4258, 74.2103,
73.8654

Harmonies

Analogous

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



43.7173, 56.9412, 55.1150



43.9299, 56.9412, 72.2937



46.7440, 56.9412, 89.3335

Triad

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



43.9299, 56.9412, 72.2937



62.9725, 56.9412, 86.9127



56.6583, 56.9412, 35.2310

Complementary

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



43.9299, 56.9412, 72.2937



37.8402, 29.0869, 21.3913

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.



62.2357, 56.9412, 40.9009



43.9299, 56.9412, 72.2937



66.0565, 56.9412, 69.4342

Square

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



43.9299, 56.9412, 72.2937



57.6052, 56.9412, 98.7771



65.7774, 56.9412, 52.7317



50.7800, 56.9412, 35.7141

Rectangle

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



43.9299, 56.9412, 72.2937



49.8416, 56.9412, 97.3829



65.7774, 56.9412, 52.7317



58.6383, 56.9412, 36.4298

Sweetspot

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



43.9316, 56.9434, 72.2950



83.8882, 94.2459, 108.3770



35.4033, 53.5574, 26.2424



17.5930, 19.9856, 23.1801



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.



43.9316, 56.9434, 72.2950



61.5345, 82.7222, 107.3290



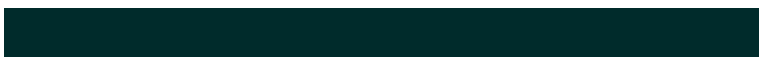
33.9926, 37.0650, 68.9834



12.7922, 14.1079, 15.9863



21.8706, 32.0036, 43.4759



1.3191, 1.9303, 2.6223

Inverse Universe

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



37.8402, 29.0869, 21.3913



51.3197, 36.0094, 21.9682



44.6572, 42.7212, 23.6630



12.4233, 12.4208, 12.9034



16.7619, 8.6411, 0.7846



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 43.9299, 56.9412, 72.2937 looks on a white background.

Color Contrast Check

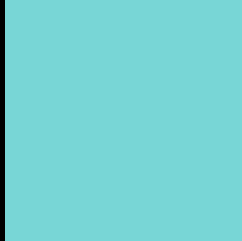
Large Text (above 18pt) WCAG AA × Fail

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 43.9299, 56.9412, 72.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

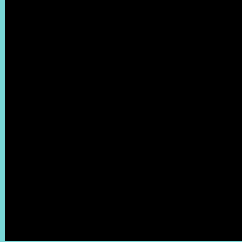
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9299, 56.9412, 72.2937

Background



This preview shows how black text looks on a background with the XYZ color 43.9299, 56.9412, 72.2937.

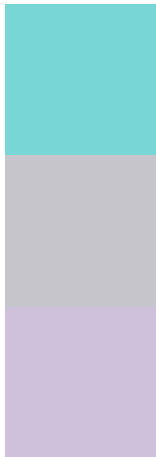


This preview shows how white text looks on a background with the XYZ color 43.9299, 56.9412,

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

43.9299, 56.9412, 72.2937

Protanopia

54.4185, 56.4343, 65.1515

Deuteranopia

57.3679, 56.0791, 74.8186



Tritanopia

45.9985, 57.0292, 82.7121

Trichromacy



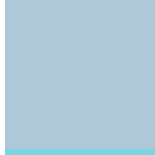
Original Color

43.9299, 56.9412, 72.2937



Protanomaly

49.3187, 55.8120, 67.8479



Deuteranomaly

50.8579, 55.4323, 73.6646



Tritanomaly

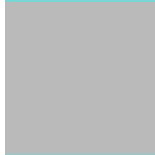
45.4172, 57.1813, 79.1644

Monochromacy



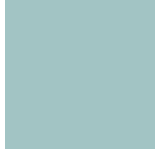
Original Color

43.9299, 56.9412, 72.2937



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.6040, 51.1468, 59.7460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9299, 56.9412, 72.2937 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(120, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(120, 214, 214)  
}
```

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(120, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 214, 214) }
```

Border

The CSS property to change the border of an element to XYZ 43.9299, 56.9412, 72.2937 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(120, 214, 214) }
```


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

```
.border{ border-color:rgb(120, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(120, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(120, 214,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9299, 56.9412, 72.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 214, 214) }
```

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

```
.background{ background-color: rgb(120,  
214, 214) }
```

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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