

Converting Colors

XYZ(28.9463, 38.6703, 55.2455)

Have a look what the booklet for
XYZ(28.9463, 38.6703, 55.2455)
contains.

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Color

**XYZ(28.9560, 38.6733,
55.2288)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB6BF
RGB	74, 182, 191
RGB Percent	29%, 71%, 75%
CMY	0.7098, 0.2863, 0.2510
CMYK	0.61, 0.05, 0.00, 0.25
HSL	185°, 48%, 52%
HSV	185°, 61%, 75%
XYZ	28.9560, 38.6733, 55.2288
YIQ	150.7340, -67.2570, -20.0970

Conversions

Conversions Part 2

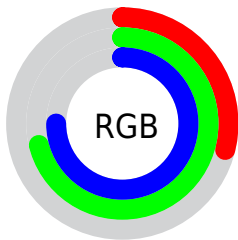
Format	Color
RYB	74, 130, 191
Decimal	4896447
CIELab	68.51, -27.85, -13.79
CIElCh	69, 31.074, 206.341
Yxy	38.6733, 0.2357, 0.3148
Android (android.graphics.Color)	4283086527 (0xFF4AB6BF)
YUV	150.7340, 19.8511, -67.2957
Hunter-Lab	62.1879, -25.7153, -9.1237

Details

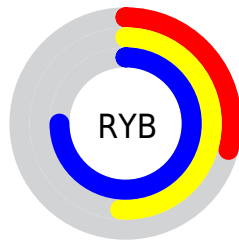
The XYZ color **28.9560, 38.6733, 55.2288** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.8161, 17.7584, 8.5469**, and the grayscale version is **29.2416, 30.7644, 33.5024**.

A 20% lighter version of the original color is **57.3547, 73.0154, 99.0662**, and **12.4377, 17.5355, 26.7739** is the 20% darker color. If you saturate the color by 10%, you get **27.4038, 37.4296, 55.0713**, and if you desaturate by 10%, it is **30.9601, 40.1563, 55.4101**.

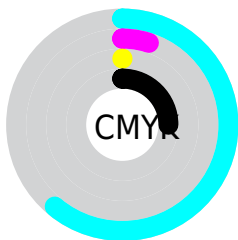
Distribution



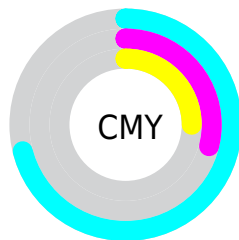
- Red (29%)
- Green (71%)
- Blue (75%)



- Red (29%)
- Yellow (51%)
- Blue (75%)



- Cyan (61%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9560, 38.6733, 55.2288 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 28.9560, 38.6733, 55.2288 by changing the saturation by 10% instead.

■ 28.9560, 38.6733,
55.2288

■ 28.9560, 38.6733,
55.2288

289.0052,
340.4995, 424.0850

■ 19.1917, 26.5057,
39.1851

■ 57.4052, 73.1390,
99.3506

■ 11.9137, 17.2023,
26.5948

■ 76.8208, 96.2058,
128.2658

■ 6.7567, 10.3788,
17.0394

■ 100.1842,
123.6745, 162.3086

■ 3.3554, 5.6509,
10.1003

■ 127.8607,
155.9294, 201.8975

■ 1.3444, 2.6340,
5.3591

160.2157,
193.3550, 247.4510

■ 0.2161, 0.9438,
2.3970

197.6145,

■ 0.0000, 0.0000,

236.3356, 299.3878

0.7848

240.4226,
285.2556, 358.1262

■ 0.0000, 0.0000,
0.0000

■ 28.9560, 38.6733,
55.2288

■ 28.9560, 38.6733,
55.2288

■ 27.4038, 37.4296,
55.0713

■ 30.9601, 40.1563,
55.4101

■ 26.2580, 36.3993,
54.9328

■ 33.4492, 41.8932,
55.6142

■ 25.4701, 35.5581,
54.8119

■ 36.4573, 43.9023,
55.8434

■ 24.9904, 34.9342,
54.7168

■ 40.0143, 46.1992,
56.0993

■ 44.1480, 48.7981,
56.3831

■ 48.8842, 51.7123,
56.6960

■ 54.2471, 54.9544,
57.0391

■ 60.2595, 58.5361,
57.4135

■ 66.9434, 62.4688,
57.8203

Harmonies

Analogous

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



28.1469, 38.6733, 40.4127



28.9560, 38.6733, 55.2288



31.7869, 38.6733, 68.7474

Triad

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



28.9560, 38.6733, 55.2288



45.1564, 38.6733, 58.8741



37.3614, 38.6733, 20.5397

Complementary

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



28.9560, 38.6733, 55.2288



25.8161, 17.7584, 8.5469

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.



42.2217, 38.6733, 23.4302



28.9560, 38.6733, 55.2288



46.9669, 38.6733, 43.8514

Square

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



28.9560, 38.6733, 55.2288



41.0916, 38.6733, 71.1588



45.8484, 38.6733, 31.2506



32.7400, 38.6733, 22.2863

Rectangle

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



28.9560, 38.6733, 55.2288



34.5810, 38.6733, 74.0855



45.8484, 38.6733, 31.2506



39.0241, 38.6733, 20.9809

Sweetspot

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



28.9572, 38.6748, 55.2297



73.7524, 84.0658, 100.6183



22.9713, 39.3245, 14.3238



15.7401, 18.1714, 22.0631



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.9572, 38.6748, 55.2297



48.1931, 66.2692, 98.5303



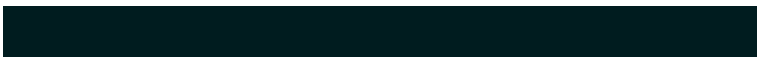
19.5250, 19.8103, 52.0856



9.7441, 10.6805, 12.2202



16.4498, 23.0113, 35.9675



0.6632, 0.9391, 1.4152

Inverse Universe

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



32.3792, 19.3525, 46.2863



55.0791, 29.4385, 80.0735



32.1450, 30.4161, 10.6565



9.8974, 9.6833, 11.8489



19.3038, 9.3527, 27.9574



0.7657, 0.3702, 1.1452

Previews

White Background



This preview shows how the XYZ color 28.9560, 38.6733, 55.2288 looks on a white background.

Color Contrast Check

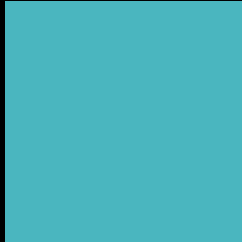
Large Text (above 18pt) WCAG AA × Fail

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 28.9560, 38.6733, 55.2288 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

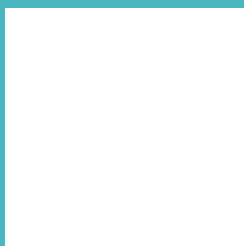
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9560, 38.6733, 55.2288

Background



This preview shows how black text looks on a background with the XYZ color 28.9560, 38.6733, 55.2288.

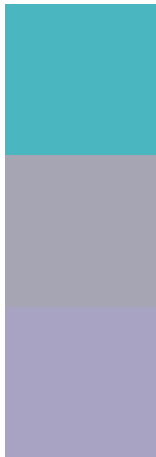


This preview shows how white text looks on a background with the XYZ color 28.9560, 38.6733,

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

28.9560, 38.6733, 55.2288

Protanopia

37.2104, 38.2049, 48.5931

Deuteranopia

38.9191, 38.1056, 56.9336



Tritanopia

29.4682, 38.5698, 58.1161

Trichromacy



Original Color

28.9560, 38.6733, 55.2288



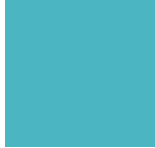
Protanomaly

32.7304, 37.4920, 50.8590



Deuteranomaly

33.7571, 37.3393, 56.4670



Tritanomaly

29.1631, 38.4386, 56.9213

Monochromacy



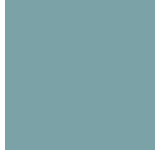
Original Color

28.9560, 38.6733, 55.2288



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.9716, 32.8048, 40.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9560, 38.6733, 55.2288 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(74, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(74, 182, 191)  
}
```

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(74, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 182, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.9560, 38.6733, 55.2288 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(74, 182, 191) }
```


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

```
.border{ border-color:rgb(74, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(74, 182,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9560, 38.6733, 55.2288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 182, 191) }
```

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

```
.background{ background-color: rgb(74, 182,  
191) }
```

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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