

Converting Colors

XYZ(35.5443, 49.9331, 63.4104)

Have a look what the booklet for
XYZ(35.5443, 49.9331, 63.4104)
contains.

XYZ(35.5560, 49.8627, 63.6276)	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(35.5560, 49.8627,
63.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACECA
RGB	74, 206, 202
RGB Percent	29%, 81%, 79%
CMY	0.7098, 0.1921, 0.2078
CMYK	0.64, 0.00, 0.02, 0.19
HSL	178°, 57%, 55%
HSV	178°, 64%, 81%
XYZ	35.5560, 49.8627, 63.6276
YIQ	166.0760, -77.3880, -29.2280

Conversions

Conversions Part 2

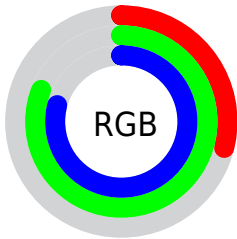
Format	Color
RYB	74, 141, 206
Decimal	4902602
CIELab	75.98, -36.22, -8.61
CIElCh	76, 37.227, 193.379
Yxy	49.8627, 0.2386, 0.3345
Android (android.graphics.Color)	4283092682 (0xFF4ACECA)
YUV	166.0760, 17.7105, -80.7507
Hunter-Lab	70.6135, -33.6936, -3.9949

Details

The XYZ color **35.5560, 49.8627, 63.6276** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **29.2792, 18.5709, 9.2507**, and the grayscale version is **36.2277, 38.1144, 41.5065**.

A 20% lighter version of the original color is **64.2912, 84.1433, 107.4605**, and **16.4119, 24.2713, 31.8368** is the 20% darker color. If you saturate the color by 10%, you get **34.1488, 49.1469, 63.1776**, and if you desaturate by 10%, it is **37.4856, 50.8500, 64.1059**.

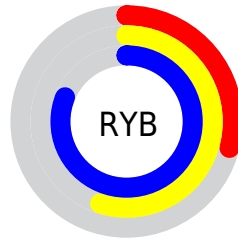
Distribution



Red (29%)

Green (81%)

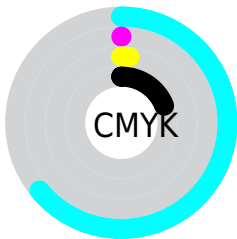
Blue (79%)



Red (29%)

Yellow (55%)

Blue (81%)

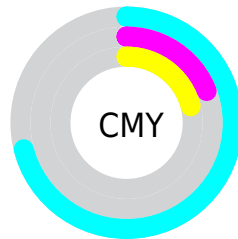


Cyan (64%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (71%)


Magenta (19%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5560, 49.8627, 63.6276 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 35.5560, 49.8627, 63.6276 by changing the saturation by 10% instead.


 35.5560, 49.8627,
63.6276


 35.5560, 49.8627,
63.6276


318.4809,
386.1288, 456.0141


 24.2600, 35.3043,
45.9049


 67.6746, 89.9714,
111.6687


 15.6524, 23.8974,
31.8226


 89.2279, 116.2905,
142.8242

 9.3678, 15.2575,
20.9624


 114.9309,
147.2987, 179.2944

 5.0409, 9.0003,
12.9055

 145.1492,
183.3803, 221.4978

 2.3063, 4.7414,
7.2336

180.2480,
224.9197, 269.8529

 0.7979, 2.0963,
3.5279

220.5926,

 0.0000, 0.6626,

272.3013, 324.7783

1.3701

266.5485,
325.9095, 386.6925

■ 0.0000, 0.0000,
0.1182

■ 0.0000, 0.0000,
0.0000

■ 35.5560, 49.8627,
63.6276

■ 35.5560, 49.8627,
63.6276

■ 34.1488, 49.1469,
63.1776

■ 37.4856, 50.8500,
64.1059

■ 33.2066, 48.6697,
62.7498

■ 39.9790, 52.1268,
64.6109

■ 32.6669, 48.3999,
62.3424

■ 43.0783, 53.7159,
65.1460

■ 32.4691, 48.3030,
62.1074

■ 46.8206, 55.6365,
65.7126

■ 51.2399, 57.9060,
66.3126

■ 56.3678, 60.5408,
66.9472

■ 62.2341, 63.5562,
67.6180

■ 68.8666, 66.9666,
68.3262

■ 74.6508, 69.9396,
68.9963

Harmonies

Analogous

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



35.7177, 49.8627, 44.0739



35.5560, 49.8627, 63.6276



38.3373, 49.8627, 85.0112

Triad

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



35.5560, 49.8627, 63.6276



57.1656, 49.8627, 87.0905



51.3150, 49.8627, 25.2797

Complementary

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



35.5560, 49.8627, 63.6276



29.2792, 18.5709, 9.2507

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.



57.7730, 49.8627, 32.0394



35.5560, 49.8627, 63.6276



61.3701, 49.8627, 65.9786

Square

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



35.5560, 49.8627, 63.6276



50.5495, 49.8627, 100.6265



61.6026, 49.8627, 45.9174



44.3707, 49.8627, 24.9448

Rectangle

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



35.5560, 49.8627, 63.6276



41.6594, 49.8627, 96.1448



61.6026, 49.8627, 45.9174



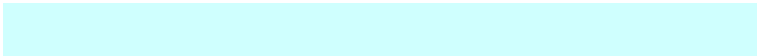
53.6299, 49.8627, 26.7837

Sweetspot

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



35.5575, 49.8646, 63.6288



79.1810, 91.8464, 106.9276



26.4837, 46.2756, 14.0160



16.5155, 19.4368, 22.8272



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.



35.5575, 49.8646, 63.6288



54.6492, 79.2817, 102.0838



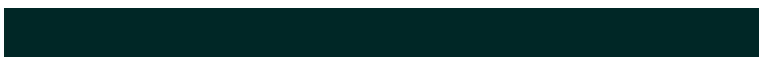
24.0002, 25.9819, 62.1446



11.5280, 12.7210, 14.3379



19.9996, 29.7451, 38.2785



1.0365, 1.5364, 1.9996

Inverse Universe

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



29.2792, 18.5709, 9.2507



43.7287, 24.7291, 7.4093



35.4394, 31.1141, 10.6175



11.2259, 11.2191, 11.7241



15.7011, 8.0910, 0.8785



0.8149, 0.4194, 0.0713

Previews

White Background



This preview shows how the XYZ color 35.5560, 49.8627, 63.6276 looks on a white background.

Color Contrast Check

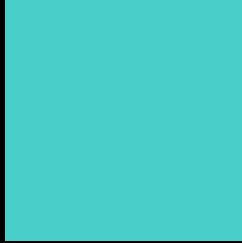
Large Text (above 18pt) WCAG AA × Fail

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 35.5560, 49.8627, 63.6276 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

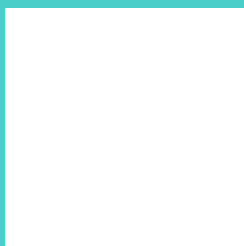
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5560, 49.8627, 63.6276

Background



This preview shows how black text looks on a background with the XYZ color 35.5560, 49.8627, 63.6276.

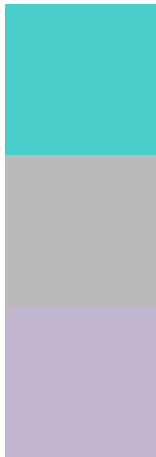


This preview shows how white text looks on a background with the XYZ color 35.5560, 49.8627,

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

35.5560, 49.8627, 63.6276

Protanopia

47.2733, 49.0634, 55.1227

Deuteranopia

50.0345, 49.0221, 65.8566



Tritanopia

37.8415, 49.7182, 75.3123

Trichromacy



Original Color

35.5560, 49.8627, 63.6276



Protanomaly

40.8402, 48.2380, 58.1973



Deuteranomaly

42.0106, 47.7187, 64.7540



Tritanomaly

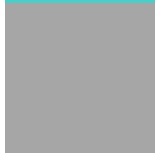
36.9114, 49.6953, 70.5975

Monochromacy



Original Color

35.5560, 49.8627, 63.6276



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

34.3334, 41.2890, 48.8078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5560, 49.8627, 63.6276 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, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(74, 206, 202)  
}
```

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, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 206, 202) }
```

Border

The CSS property to change the border of an element to XYZ 35.5560, 49.8627, 63.6276 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, 206, 202) }
```


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

```
.border{ border-color:rgb(74, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(74, 206,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5560, 49.8627, 63.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 206, 202) }
```

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

```
.background{ background-color: rgb(74, 206,  
202) }
```

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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