

Converting Colors

XYZ(28.2497, 39.6954, 52.5713)

Have a look what the booklet for
XYZ(28.2497, 39.6954, 52.5713)
contains.

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Color

**XYZ(28.2255, 39.5928,
52.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	3BBABA
RGB	59, 186, 186
RGB Percent	23%, 73%, 73%
CMY	0.7686, 0.2706, 0.2706
CMYK	0.68, 0.00, 0.00, 0.27
HSL	180°, 52%, 48%
HSV	180°, 68%, 73%
XYZ	28.2255, 39.5928, 52.6089
YIQ	148.0270, -75.6920, -26.9240

Conversions

Conversions Part 2

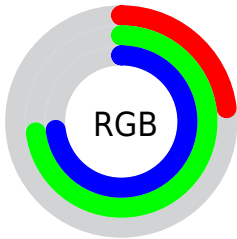
Format	Color
RYB	59, 123, 186
Decimal	3914426
CIELab	69.18, -33.57, -10.08
CIELCh	69, 35.046, 196.714
Yxy	39.5928, 0.2344, 0.3288
Android (android.graphics.Color)	4282104506 (0xFF3BBABA)
YUV	148.0270, 18.7207, -78.0767
Hunter-Lab	62.9228, -30.0446, -5.5256

Details

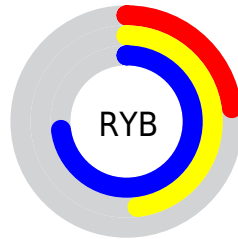
The XYZ color **28.2255, 39.5928, 52.6089** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **22.6045, 13.8841, 5.6275**, and the grayscale version is **28.1081, 29.5719, 32.2038**.

A 20% lighter version of the original color is **56.3898, 74.7971, 95.4696**, and **12.4849, 18.1960, 25.0445** is the 20% darker color. If you saturate the color by 10%, you get **27.3136, 39.1236, 52.5670**, and if you desaturate by 10%, it is **29.5325, 40.2675, 52.6711**.

Distribution



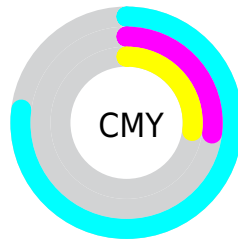
- Red (23%)
- Green (73%)
- Blue (73%)



- Red (23%)
- Yellow (48%)
- Blue (73%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2255, 39.5928, 52.6089 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 28.2255, 39.5928, 52.6089 by changing the saturation by 10% instead.

■ 28.2255, 39.5928,
52.6089

■ 28.2255, 39.5928,
52.6089

285.6035,
344.4043, 413.8065

■ 18.6370, 27.2212,
37.1051

■ 56.2504, 74.5430,
95.4643

■ 11.5108, 17.7394,
24.9924

■ 75.4175, 97.8905,
123.6530

■ 6.4813, 10.7631,
15.8524

■ 98.5083, 125.6653,
156.9070

■ 3.1833, 5.9077,
9.2666

■ 125.8880,
158.2519, 195.6450

■ 1.2514, 2.7891,
4.8163

■ 157.9220,
196.0348, 240.2853

■ 0.1464, 1.0226,
2.0830

194.9757,

■ 0.0000, 0.0000,

239.3982, 291.2467

0.6056

237.4144,
288.7265, 348.9475

■ 0.0000, 0.0000,
0.0000

■ 28.2255, 39.5928,
52.6089

■ 28.2255, 39.5928,
52.6089

■ 27.3136, 39.1236,
52.5670

■ 29.5325, 40.2675,
52.6711

■ 26.7492, 38.8326,
52.5404

■ 31.2685, 41.1624,
52.7525

■ 26.4626, 38.6849,
52.5269

■ 33.4678, 42.2962,
52.8555

■ 26.4225, 38.6642,
52.5250

■ 36.1603, 43.6842,
52.9816

■ 39.3734, 45.3406,
53.1321

■ 43.1325, 47.2785,
53.3082

■ 47.4612, 49.5100,
53.5109

■ 52.3820, 52.0468,
53.7413

■ 57.9158, 54.8996,
54.0004

Harmonies

Analogous

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



28.0880, 39.5928, 36.3991



28.2255, 39.5928, 52.6089



30.7161, 39.5928, 69.7047

Triad

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



28.2255, 39.5928, 52.6089



46.0340, 39.5928, 67.9216



40.1630, 39.5928, 19.5091

Complementary

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



28.2255, 39.5928, 52.6089



22.6045, 13.8841, 5.6275

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.



45.5146, 39.5928, 24.3203



28.2255, 39.5928, 52.6089



49.1242, 39.5928, 50.5985

Square

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



28.2255, 39.5928, 52.6089



40.8169, 39.5928, 79.9391



48.9252, 39.5928, 34.8291



34.6168, 39.5928, 19.7921

Rectangle

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



28.2255, 39.5928, 52.6089



33.5304, 39.5928, 78.1266



48.9252, 39.5928, 34.8291



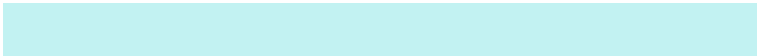
42.0547, 39.5928, 20.5210

Sweetspot

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



28.2267, 39.5943, 52.6098



70.0879, 81.5219, 96.2422



20.2813, 36.4309, 10.1017



15.0631, 17.7610, 21.1768



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.2267, 39.5943, 52.6098



48.9126, 70.6056, 95.2498



17.9532, 19.0471, 49.1862



9.2667, 10.2107, 11.5619



17.7756, 26.0112, 35.3360



0.6266, 0.9170, 1.2457

Inverse Universe

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



22.6045, 13.8841, 5.6275



38.0371, 20.8725, 4.3684



27.8034, 24.2820, 7.3603



9.0046, 9.0122, 9.3719



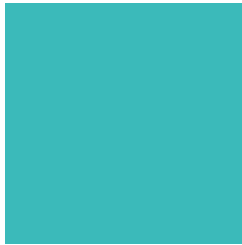
13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 28.2255, 39.5928, 52.6089 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 28.2255, 39.5928, 52.6089 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

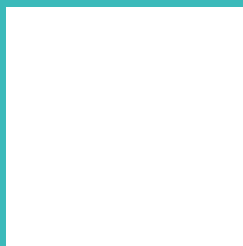
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2255, 39.5928, 52.6089

Background



This preview shows how black text looks on a background with the XYZ color 28.2255, 39.5928, 52.6089.

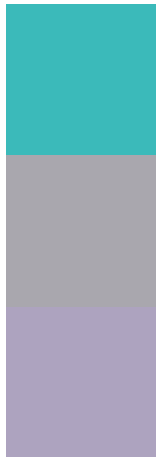


This preview shows how white text looks on a background with the XYZ color 28.2255, 39.5928,

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

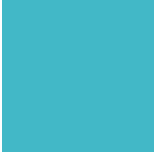
28.2255, 39.5928, 52.6089

Protanopia

37.8209, 39.1284, 45.6036

Deuteranopia

39.7347, 38.8402, 54.6929



Tritanopia

29.6961, 39.5628, 60.1041

Trichromacy



Original Color

28.2255, 39.5928, 52.6089



Protanomaly

32.2252, 38.1536, 47.7854



Deuteranomaly

33.2639, 37.7055, 53.6688



Tritanomaly

29.1365, 39.6497, 57.1564

Monochromacy



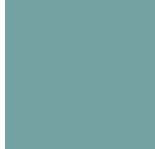
Original Color

28.2255, 39.5928, 52.6089



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.6444, 32.1623, 38.9861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2255, 39.5928, 52.6089 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(59, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(59, 186, 186)  
}
```

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(59, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 28.2255, 39.5928, 52.6089 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(59, 186, 186) }
```


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

```
.border{ border-color:rgb(59, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(59, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2255, 39.5928, 52.6089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 186, 186) }
```

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

```
.background{ background-color: rgb(59, 186,  
186) }
```

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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