

Converting Colors

XYZ(28.1290, 39.5914, 60.7813)

Have a look what the booklet for
XYZ(28.1290, 39.5914, 60.7813)
contains.

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Color

**XYZ(28.1957, 39.7108,
60.8225)**

Conversions

Conversions Part 1

Format	Color
Hex	00BBC8
RGB	0, 187, 200
RGB Percent	0%, 73%, 78%
CMY	0.9998, 0.2667, 0.2157
CMYK	1.00, 0.06, 0.00, 0.22
HSL	184°, 100%, 39%
HSV	184°, 100%, 78%
XYZ	28.1957, 39.7108, 60.8225
YIQ	132.5690, -115.6250, -35.6010

Conversions

Conversions Part 2

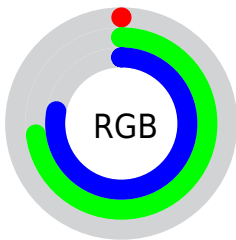
Format	Color
RYB	0, 97, 200
Decimal	48072
CIELab	69.26, -34.05, -17.71
CIELCh	69, 38.377, 207.480
Yxy	39.7108, 0.2190, 0.3085
Android (android.graphics.Color)	4278238152 (0xFF00BBC8)
YUV	132.5690, 33.2435, -116.2630
Hunter-Lab	63.0165, -30.4120, -13.1142

Details

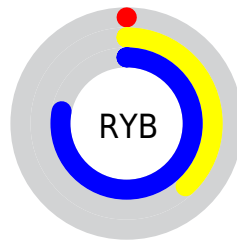
The XYZ color **28.1957, 39.7108, 60.8225** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **23.9645, 12.5687, 1.1643**, and the grayscale version is **22.0568, 23.2054, 25.2707**.

A 20% lighter version of the original color is **55.9942, 74.8049, 106.0953**, and **13.5758, 18.8504, 30.1171** is the 20% darker color. If you saturate the color by 10%, you get **28.1957, 39.7106, 60.8232**, and if you desaturate by 10%, it is **28.7629, 40.4154, 60.9294**.

Distribution



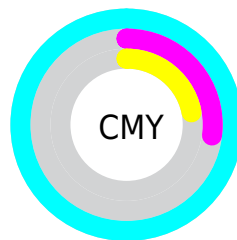
- Red (0%)
- Green (73%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)





- Cyan (100%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1957, 39.7108, 60.8225 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 28.1957, 39.7108, 60.8225 by changing the saturation by 10% instead.


 28.1957, 39.7108,
60.8225


 28.1957, 39.7108,
60.8225


285.4640,
344.9031, 445.5114


 18.6144, 27.3131,
43.6523


 56.2032, 74.7229,
107.5769

 11.4944, 17.8085,
30.0621

 75.3601, 98.1062,
137.9982

 6.4701, 10.8126,
19.6333


 98.4397, 125.9201,
173.6736

 3.1763, 5.9410,
11.9473

 125.8072,
158.5490, 215.0217

 1.2477, 2.8092,
6.5857

 157.8280,
196.3774, 262.4610

 0.1435, 1.0330,
3.1299

194.8676,

 0.0000, 0.0000,

239.7896, 316.4100

1.1613

237.2911,
289.1701, 377.2873

■ 0.0000, 0.0000,
0.0000

■ 28.1957, 39.7108,
60.8225

■ 28.1957, 39.7108,
60.8225

■ 28.1957, 39.7106,
60.8232

■ 28.7629, 40.4154,
60.9294

■ 29.6300, 41.2774,
61.0500

■ 30.9015, 42.3517,
61.1904

■ 32.6321, 43.6664,
61.3529

■ 34.8678, 45.2452,
61.5398

■ 37.6491, 47.1090,
61.7530

■ 41.0122, 49.2766,
61.9941

■ 44.9905, 51.7650,
62.2648

■ 49.6147, 54.5902,
62.5664

Harmonies

Analogous

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



27.1207, 39.7108, 41.7667



28.1957, 39.7108, 60.8225



31.7376, 39.7108, 78.5391

Triad

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



28.1957, 39.7108, 60.8225



48.6178, 39.7108, 64.1174



38.2661, 39.7108, 17.4638

Complementary

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



28.1957, 39.7108, 60.8225



23.9645, 12.5687, 1.1643

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.



44.4640, 39.7108, 20.5087



28.1957, 39.7108, 60.8225



50.8319, 39.7108, 44.7441

Square

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



28.1957, 39.7108, 60.8225



43.4673, 39.7108, 80.7762



49.2358, 39.7108, 29.4190



32.5464, 39.7108, 19.6165

Rectangle

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



28.1957, 39.7108, 60.8225



35.2383, 39.7108, 85.4374



49.2358, 39.7108, 29.4190



40.3655, 39.7108, 17.8893

Sweetspot

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



28.1969, 39.7122, 60.8235



70.7190, 85.1321, 107.3126



20.7102, 41.3315, 7.1747



14.5809, 17.8663, 22.9300



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.



28.1969, 39.7122, 60.8235



48.7478, 68.6156, 105.2826



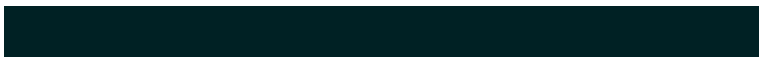
14.0845, 11.4873, 56.1193



10.8854, 11.9449, 13.6494



17.9531, 25.3002, 38.6816



0.8683, 1.2344, 1.8376

Inverse Universe

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



32.7902, 15.8685, 48.3499



56.7348, 27.4579, 83.5247



29.3983, 23.4363, 2.9756



11.0522, 10.8043, 13.2581



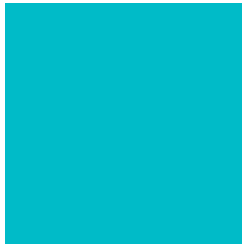
20.8612, 10.0941, 30.8088



0.9970, 0.4816, 1.5073

Previews

White Background



This preview shows how the XYZ color 28.1957, 39.7108, 60.8225 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 28.1957, 39.7108, 60.8225 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

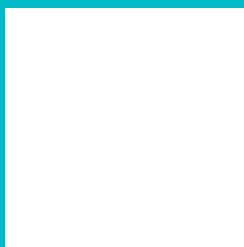
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1957, 39.7108, 60.8225

Background



This preview shows how black text looks on a background with the XYZ color 28.1957, 39.7108, 60.8225.

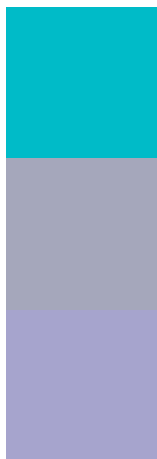


This preview shows how white text looks on a background with the XYZ color 28.1957, 39.7108,

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

28.1957, 39.7108, 60.8225

Protanopia

38.3054, 39.2246, 52.5659

Deuteranopia

40.0208, 39.0657, 63.1887



Tritanopia

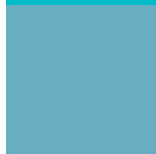
28.6121, 39.8983, 62.0702

Trichromacy



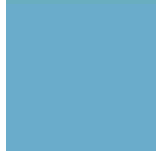
Original Color

28.1957, 39.7108, 60.8225



Protanomaly

30.4762, 37.0811, 55.4203



Deuteranomaly

31.4759, 36.8810, 61.9597



Tritanomaly

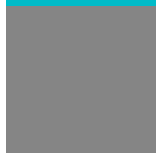
28.4256, 39.8158, 61.4454

Monochromacy



Original Color

28.1957, 39.7108, 60.8225



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

21.2233, 27.1481, 36.0198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1957, 39.7108, 60.8225 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(0, 187, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 200)  
}
```

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(0, 187, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 200) }
```

Border

The CSS property to change the border of an element to XYZ 28.1957, 39.7108, 60.8225 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(0, 187, 200) }
```


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

```
.border{ border-color:rgb(0, 187, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1957, 39.7108, 60.8225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 200) }
```

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

```
.background{ background-color: rgb(0, 187,  
200) }
```

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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