

Converting Colors

XYZ(36.5904, 53.5242, 72.6736)

Have a look what the booklet for
XYZ(36.5904, 53.5242, 72.6736)
contains.

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Color

**XYZ(36.5912, 53.5201,
72.6918)**

Conversions

Conversions Part 1

Format	Color
Hex	02D7D7
RGB	2, 215, 215
RGB Percent	1%, 84%, 84%
CMY	0.9920, 0.1569, 0.1569
CMYK	0.99, 0.00, 0.00, 0.16
HSL	180°, 98%, 43%
HSV	180°, 99%, 84%
XYZ	36.5912, 53.5201, 72.6918
YIQ	151.3130, -126.9480, -45.1560

Conversions

Conversions Part 2

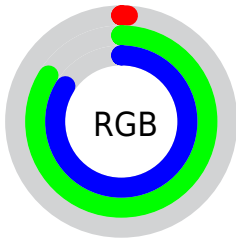
Format	Color
R_{YB}	2, 109, 215
Decimal	186327
CIE Lab	78.18, -42.22, -12.42
CIE LCh	78, 44.008, 196.390
Yxy	53.5201, 0.2248, 0.3287
Android (android.graphics.Color)	4278376407 (0xFF02D7D7)
YUV	151.3130, 31.3977, -130.9475
Hunter-Lab	73.1574, -38.7450, -7.7024

Details

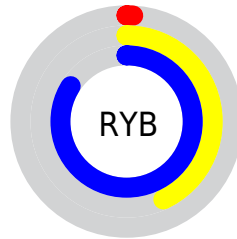
The XYZ color **36.5912, 53.5201, 72.6918** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **28.0587, 14.4965, 1.3782**, and the grayscale version is **29.4651, 30.9995, 33.7585**.

A 20% lighter version of the original color is **60.2404, 82.0550, 107.2709**, and **18.7433, 27.3343, 37.5459** is the 20% darker color. If you saturate the color by 10%, you get **36.5672, 53.5089, 72.6919**, and if you desaturate by 10%, it is **36.9333, 53.6976, 72.7091**.

Distribution



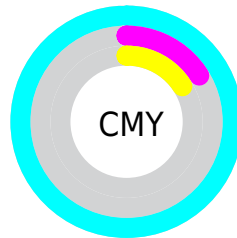
- Red (1%)
- Green (84%)
- Blue (84%)



- Red (1%)
- Yellow (43%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (99%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5912, 53.5201, 72.6918 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 36.5912, 53.5201, 72.6918 by changing the saturation by 10% instead.


 36.5912, 53.5201,
72.6918


 36.5912, 53.5201,
72.6918


322.9236,
400.2774, 488.9881


 25.0634, 38.2181,
53.2337


 69.2615, 95.3693,
124.7564


 16.2532, 26.1520,
37.6004


 91.1347, 122.6852,
158.2001

 9.7955, 16.9374,
25.3732


 117.1871,
154.7746, 197.1426

 5.3248, 10.1899,
16.1338

 147.7839,
192.0219, 242.0026

 2.4758, 5.5250,
9.4635

 183.2906,
234.8114, 293.1986

 0.8831, 2.5585,
4.9438

224.0726,

 0.0000, 0.9058,

283.5276, 351.1492

2.1562

270.4951,
338.5547, 416.2728

■ 0.0000, 0.0000,
0.6489

■ 0.0000, 0.0000,
0.0000

■ 36.5912, 53.5201,
72.6918

■ 36.5912, 53.5201,
72.6918

■ 36.5672, 53.5089,
72.6919

■ 36.9333, 53.6976,
72.7091

■ 37.6516, 54.0679,
72.7429

■ 38.8513, 54.6864,
72.7991

■ 40.5966, 55.5861,
72.8809

■ 42.9420, 56.7952,
72.9908

■ 45.9354, 58.3383,
73.1310

■ 49.6198, 60.2377,
73.3036

■ 54.0345, 62.5136,
73.5103

■ 59.2161, 65.1848,
73.7529

Harmonies

Analogous

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



36.4247, 53.5201, 47.8208



36.5912, 53.5201, 72.6918



40.2902, 53.5201, 99.7517

Triad

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



36.5912, 53.5201, 72.6918



63.8125, 53.5201, 97.4445



54.8625, 53.5201, 23.2895

Complementary

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



36.5912, 53.5201, 72.6918



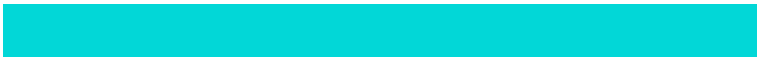
28.0587, 14.4965, 1.3782

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.



63.1548, 53.5201, 30.2603



36.5912, 53.5201, 72.6918



68.7021, 53.5201, 70.1499

Square

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



36.5912, 53.5201, 72.6918



55.6816, 53.5201, 116.5718



68.4486, 53.5201, 45.9015



46.3425, 53.5201, 23.6137

Rectangle

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



36.5912, 53.5201, 72.6918



44.5268, 53.5201, 113.3615



68.4486, 53.5201, 45.9015



57.7871, 53.5201, 24.7490

Sweetspot

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



36.5928, 53.5221, 72.6931



72.2849, 88.2642, 107.8341



24.3826, 48.6431, 8.1628



14.9625, 18.6295, 23.0571



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.



36.5928, 53.5221, 72.6931



53.8097, 78.7399, 106.9682



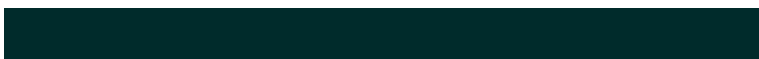
18.0943, 16.5247, 66.5280



12.7922, 14.1079, 15.9864



21.8709, 32.0037, 43.4771



1.3191, 1.9303, 2.6223

Inverse Universe

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



28.0587, 14.4965, 1.3782



41.2400, 21.2600, 1.9301



33.0857, 24.5506, 3.0538



12.4233, 12.4208, 12.9034



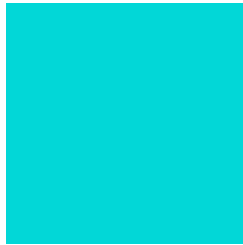
16.7619, 8.6411, 0.7845



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 36.5912, 53.5201, 72.6918 looks on a white background.

Color Contrast Check

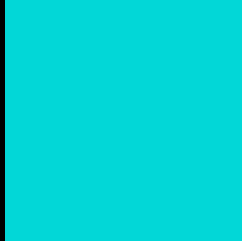
Large Text (above 18pt) WCAG AA × Fail

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 36.5912, 53.5201, 72.6918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

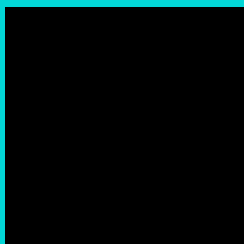
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

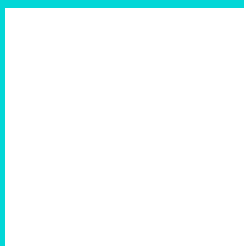
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5912, 53.5201, 72.6918

Background



This preview shows how black text looks on a background with the XYZ color 36.5912, 53.5201, 72.6918.



This preview shows how white text looks on a background with the XYZ color 36.5912, 53.5201,

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

36.5912, 53.5201, 72.6918

Protanopia

51.0484, 52.7692, 62.1385

Deuteranopia

53.5864, 52.4969, 75.7152



Tritanopia

38.9139, 53.7330, 83.1834

Trichromacy



Original Color

36.5912, 53.5201, 72.6918



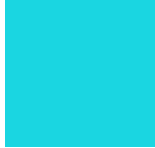
Protanomaly

39.9859, 50.0014, 65.3014



Deuteranomaly

41.2099, 49.4070, 74.3823



Tritanomaly

38.0632, 53.7490, 79.6026

Monochromacy



Original Color

36.5912, 53.5201, 72.6918



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.7058, 35.8695, 45.5077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5912, 53.5201, 72.6918 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(2, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(2, 215, 215)  
}
```

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(2, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 36.5912, 53.5201, 72.6918 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(2, 215, 215) }
```


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

```
.border{ border-color:rgb(2, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(2, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5912, 53.5201, 72.6918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 215, 215) }
```

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

```
.background{ background-color: rgb(2, 215,  
215) }
```

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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