

Converting Colors

XYZ(36.5264, 53.3622, 72.5401)

Have a look what the booklet for
XYZ(36.5264, 53.3622, 72.5401)
contains.

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Color

**XYZ(36.6413, 53.5459,
72.6942)**

Conversions

Conversions Part 1

Format	Color
Hex	06D7D7
RGB	6, 215, 215
RGB Percent	2%, 84%, 84%
CMY	0.9763, 0.1569, 0.1569
CMYK	0.97, 0.00, 0.00, 0.16
HSL	180°, 95%, 43%
HSV	180°, 97%, 84%
XYZ	36.6413, 53.5459, 72.6942
YIQ	152.5090, -124.5640, -44.3080

Conversions

Conversions Part 2

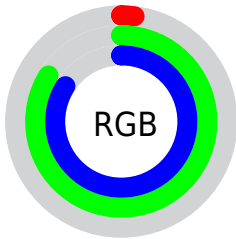
Format	Color
RYB	6, 111, 215
Decimal	448471
CIELab	78.20, -42.12, -12.39
CIELCh	78, 43.905, 196.396
Yxy	53.5459, 0.2250, 0.3287
Android (android.graphics.Color)	4278638551 (0xFF06D7D7)
YUV	152.5090, 30.8081, -128.4884
Hunter-Lab	73.1751, -38.6752, -7.6778

Details

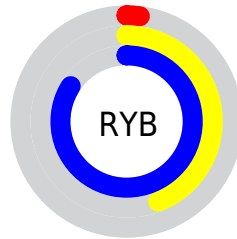
The XYZ color **36.6413, 53.5459, 72.6942** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **28.1241, 14.5922, 1.5081**, and the grayscale version is **29.9819, 31.5433, 34.3506**.

A 20% lighter version of the original color is **60.3655, 82.1195, 107.2768**, and **18.7433, 27.3343, 37.5459** is the 20% darker color. If you saturate the color by 10%, you get **36.5672, 53.5088, 72.6919**, and if you desaturate by 10%, it is **37.0339, 53.7495, 72.7139**.

Distribution



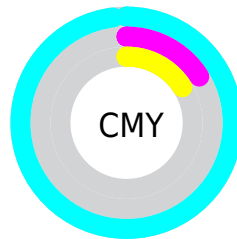
- Red (2%)
- Green (84%)
- Blue (84%)



- Red (2%)
- Yellow (44%)
- Blue (84%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (98%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6413, 53.5459, 72.6942 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 36.6413, 53.5459, 72.6942 by changing the saturation by 10% instead.


 36.6413, 53.5459,
72.6942


 36.6413, 53.5459,
72.6942


323.1375,
400.3760, 488.9966


 25.1023, 38.2387,
53.2357


 69.3382, 95.4072,
124.7599


 16.2824, 26.1680,
37.6019


 91.2268, 122.7301,
158.2041

 9.8163, 16.9494,
25.3744

 117.2959,
154.8270, 197.1473

 5.3387, 10.1984,
16.1347

 147.9109,
192.0824, 242.0080

 2.4841, 5.5307,
9.4641

 183.4373,
234.8806, 293.2047

 0.8872, 2.5619,
4.9442

224.2403,

 0.0000, 0.9075,

283.6060, 351.1560

2.1564

270.6852,
338.6430, 416.2805

■ 0.0000, 0.0000,
0.6490

■ 0.0000, 0.0000,
0.0000

■ 36.6413, 53.5459,
72.6942

■ 36.6413, 53.5459,
72.6942

■ 36.5672, 53.5088,
72.6919

■ 37.0339, 53.7495,
72.7139

■ 37.8364, 54.1631,
72.7516

■ 39.1331, 54.8316,
72.8124

■ 40.9863, 55.7869,
72.8992

■ 43.4488, 57.0564,
73.0145

■ 46.5677, 58.6643,
73.1606

■ 50.3852, 60.6323,
73.3394

■ 54.9401, 62.9804,
73.5527

■ 60.2682, 65.7271,
73.8021

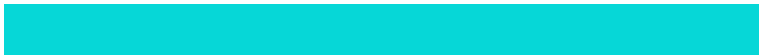
Harmonies

Analogous

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



36.4743, 53.5459, 47.8732



36.6413, 53.5459, 72.6942



40.3354, 53.5459, 99.6821

Triad

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



36.6413, 53.5459, 72.6942



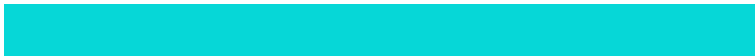
63.8098, 53.5459, 97.3701



54.8766, 53.5459, 23.3628

Complementary

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



36.6413, 53.5459, 72.6942



28.1241, 14.5922, 1.5081

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.



63.1505, 53.5459, 30.3281



36.6413, 53.5459, 72.6942



68.6864, 53.5459, 70.1458

Square

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



36.6413, 53.5459, 72.6942



55.6980, 53.5459, 116.4443



68.4324, 53.5459, 45.9477



46.3741, 53.5459, 23.6885

Rectangle

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



36.6413, 53.5459, 72.6942



44.5651, 53.5459, 113.2499



68.4324, 53.5459, 45.9477



57.7949, 53.5459, 24.8213

Sweetspot

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



36.6429, 53.5479, 72.6955



72.8777, 88.5698, 107.8619



24.4537, 48.6772, 8.2806



15.0738, 18.6869, 23.0623



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.



36.6429, 53.5479, 72.6955



53.8097, 78.7399, 106.9684



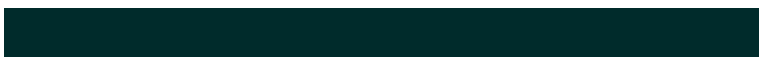
18.3604, 16.9825, 66.6023



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.



28.1241, 14.5922, 1.5081



41.2400, 21.2600, 1.9301



33.3208, 24.9856, 3.2403



12.4233, 12.4208, 12.9034



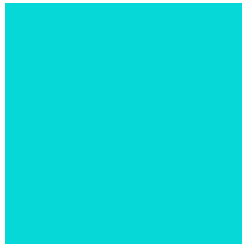
16.7619, 8.6411, 0.7845



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 36.6413, 53.5459, 72.6942 looks on a white background.

Color Contrast Check

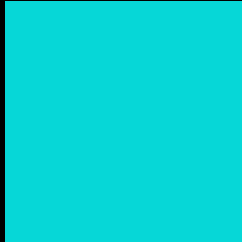
Large Text (above 18pt) WCAG AA × Fail

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 36.6413, 53.5459, 72.6942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

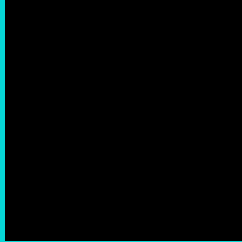
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

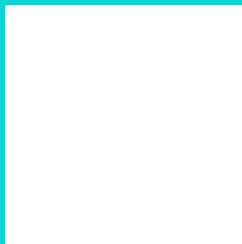
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6413, 53.5459, 72.6942

Background



This preview shows how black text looks on a background with the XYZ color 36.6413, 53.5459, 72.6942.

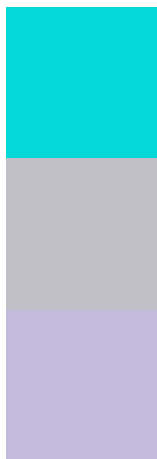


This preview shows how white text looks on a background with the XYZ color 36.6413, 53.5459,

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

36.6413, 53.5459, 72.6942

Protanopia

51.0484, 52.7692, 62.1385

Deuteranopia

53.5864, 52.4969, 75.7152



Tritanopia

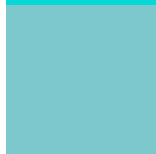
38.9139, 53.7330, 83.1834

Trichromacy



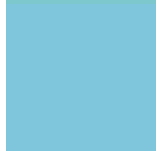
Original Color

36.6413, 53.5459, 72.6942



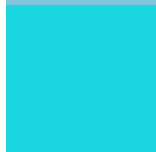
Protanomaly

40.1312, 50.0763, 65.3082



Deuteranomaly

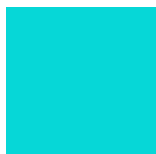
41.5048, 49.5590, 74.3961



Tritanomaly

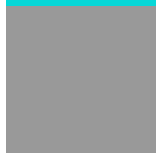
38.0892, 53.7624, 79.6038

Monochromacy



Original Color

36.6413, 53.5459, 72.6942



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.6173, 36.8946, 46.6874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6413, 53.5459, 72.6942 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(6, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(6, 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(6, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 36.6413, 53.5459, 72.6942 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(6, 215, 215) }
```


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

```
.border{ border-color:rgb(6, 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(6, 215, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(6, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6413, 53.5459, 72.6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 215, 215) }
```

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

```
.background{ background-color: rgb(6, 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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