

Converting Colors

XYZ(32.4253, 49.4901, 58.1629)

Have a look what the booklet for
XYZ(32.4253, 49.4901, 58.1629)
contains.

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Color

**XYZ(32.4261, 49.4512,
58.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	00D1C1
RGB	0, 209, 193
RGB Percent	0%, 82%, 76%
CMY	0.9998, 0.1804, 0.2431
CMYK	1.00, 0.00, 0.08, 0.18
HSL	175°, 100%, 41%
HSV	175°, 100%, 82%
XYZ	32.4261, 49.4512, 58.2881
YIQ	144.6850, -119.4280, -49.2840

Conversions

Conversions Part 2

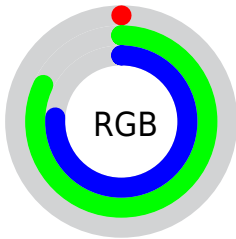
Format	Color
RYB	0, 109, 209
Decimal	53697
CIELab	75.73, -46.02, -4.24
CIElCh	76, 46.215, 185.260
Yxy	49.4512, 0.2313, 0.3528
Android (android.graphics.Color)	4278243777 (0xFF00D1C1)
YUV	144.6850, 23.8193, -126.8887
Hunter-Lab	70.3215, -40.7542, 0.0808

Details

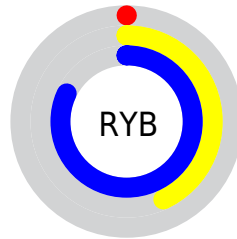
The XYZ color **32.4261, 49.4512, 58.2881** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **26.3897, 13.5942, 1.7249**, and the grayscale version is **26.7324, 28.1246, 30.6277**.

A 20% lighter version of the original color is **58.8027, 81.4237, 102.2397**, and **16.2892, 25.0047, 28.7788** is the 20% darker color. If you saturate the color by 10%, you get **32.4267, 49.4527, 58.2875**, and if you desaturate by 10%, it is **32.9146, 49.6834, 59.2492**.

Distribution



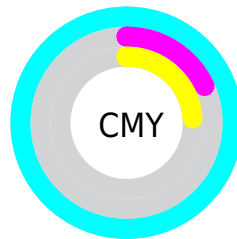
- Red (0%)
- Green (82%)
- Blue (76%)



- Red (0%)
- Yellow (43%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4261, 49.4512, 58.2881 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 32.4261, 49.4512, 58.2881 by changing the saturation by 10% instead.


 32.4261, 49.4512,
58.2881


 32.4261, 49.4512,
58.2881


304.7666,
384.5159, 435.8868


 21.8443, 34.9775,
41.6241


 62.8392, 89.3612,
103.8612

 13.8585, 23.6456,
28.4837


 83.4012, 115.5664,
133.6074


 8.1034, 15.0709,
18.4484

 108.0206,
146.4508, 168.5513

 4.2135, 8.8692,
11.0996

 137.0628,
182.3989, 209.1116

 1.8236, 4.6559,
6.0189

 170.8931,
223.7950, 255.7067

 0.5318, 2.0468,
2.7876

209.8770,

 0.0000, 0.6345,

271.0237, 308.7553

0.9872

254.3797,
324.4692, 368.6758

■ 0.0000, 0.0000,
0.0000

■ 32.4261, 49.4512,
58.2881

■ 32.4261, 49.4512,
58.2881

■ 32.4267, 49.4527,
58.2875

■ 32.9146, 49.6834,
59.2492

■ 33.7364, 50.0861,
60.2350

■ 35.0049, 50.7188,
61.2518

■ 36.7810, 51.6130,
62.3025

■ 39.1162, 52.7952,
63.3896

■ 42.0556, 54.2887,
64.5152

■ 45.6398, 56.1143,
65.6813

■ 49.9056, 58.2911,
66.8896

■ 54.8875, 60.8368,
68.1417

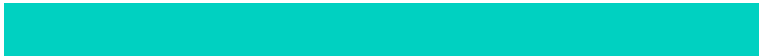
Harmonies

Analogous

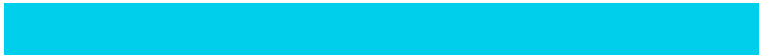
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.5661, 49.4512, 36.4074



32.4261, 49.4512, 58.2881



34.7878, 49.4512, 85.9476

Triad

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



32.4261, 49.4512, 58.2881



57.1728, 49.4512, 102.3131



54.2422, 49.4512, 21.3456

Complementary

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



32.4261, 49.4512, 58.2881



26.3897, 13.5942, 1.7249

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.



61.7848, 49.4512, 30.9334



32.4261, 49.4512, 58.2881



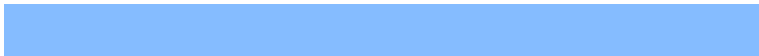
63.6157, 49.4512, 76.1118

Square

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



32.4261, 49.4512, 58.2881



48.5291, 49.4512, 115.8496



65.3981, 49.4512, 49.6316



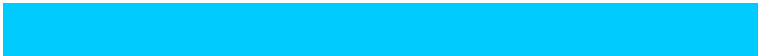
45.5071, 49.4512, 19.1917

Rectangle

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



32.4261, 49.4512, 58.2881



38.2216, 49.4512, 102.6905



65.3981, 49.4512, 49.6316



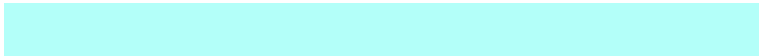
57.0332, 49.4512, 23.6248

Sweetspot

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



32.4275, 49.4531, 58.2893



71.3561, 87.8926, 102.9428



23.0408, 45.7260, 7.6127



14.7363, 18.5390, 21.8656



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.



32.4275, 49.4531, 58.2893



50.8239, 77.5455, 91.2452



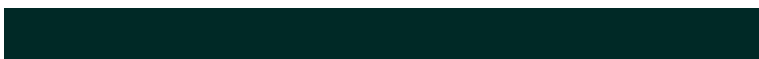
18.4610, 18.5069, 62.9229



12.1177, 13.3908, 14.9761



20.0092, 30.4966, 36.0240



1.1307, 1.7099, 2.0769

Inverse Universe

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



26.3897, 13.5942, 1.7249



41.3621, 21.3088, 2.5729



29.7125, 20.3897, 2.3707



11.8449, 11.8227, 12.4593



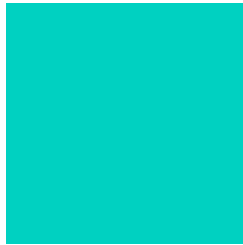
16.2843, 8.3866, 1.1375



0.9236, 0.4742, 0.1326

Previews

White Background



This preview shows how the XYZ color 32.4261, 49.4512, 58.2881 looks on a white background.

Color Contrast Check

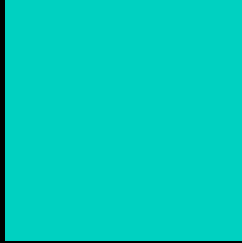
Large Text (above 18pt) WCAG AA × Fail

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 32.4261, 49.4512, 58.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

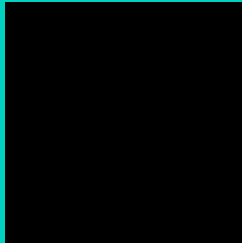
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

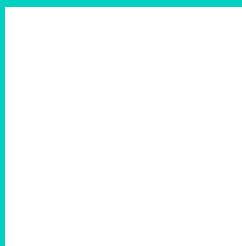
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4261, 49.4512, 58.2881

Background



This preview shows how black text looks on a background with the XYZ color 32.4261, 49.4512, 58.2881.

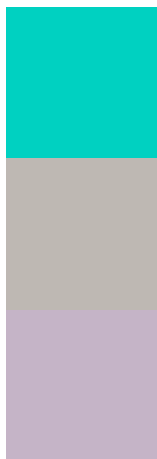


This preview shows how white text looks on a background with the XYZ color 32.4261, 49.4512,

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

32.4261, 49.4512, 58.2881

Protanopia

46.5124, 48.4828, 49.5545

Deuteranopia

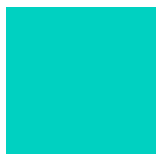
49.6560, 48.6364, 60.8034



Tritanopia

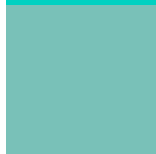
36.1979, 49.5612, 76.0651

Trichromacy



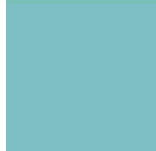
Original Color

32.4261, 49.4512, 58.2881



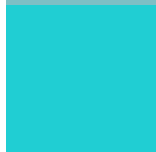
Protanomaly

35.6069, 45.6656, 52.2851



Deuteranomaly

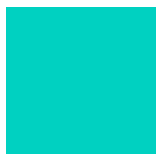
37.1663, 45.6528, 59.6763



Tritanomaly

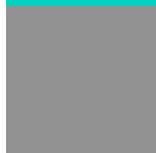
34.4248, 49.1528, 69.3011

Monochromacy



Original Color

32.4261, 49.4512, 58.2881



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.9379, 32.8892, 39.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4261, 49.4512, 58.2881 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, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 193)  
}
```

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, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 193) }
```

Border

The CSS property to change the border of an element to XYZ 32.4261, 49.4512, 58.2881 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, 209, 193) }
```


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

```
.border{ border-color:rgb(0, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4261, 49.4512, 58.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 193) }
```

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

```
.background{ background-color: rgb(0, 209,  
193) }
```

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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