

Converting Colors

XYZ(32.4895, 44.8154, 71.9032)

Have a look what the booklet for
XYZ(32.4895, 44.8154, 71.9032)
contains.

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Color

**XYZ(32.5921, 45.0095,
71.9357)**

Conversions

Conversions Part 1

Format	Color
Hex	11C5D8
RGB	17, 197, 216
RGB Percent	7%, 77%, 85%
CMY	0.9332, 0.2274, 0.1529
CMYK	0.92, 0.09, 0.00, 0.15
HSL	186°, 85%, 46%
HSV	186°, 92%, 85%
XYZ	32.5921, 45.0095, 71.9357
YIQ	145.3460, -113.3790, -32.2510

Conversions

Conversions Part 2

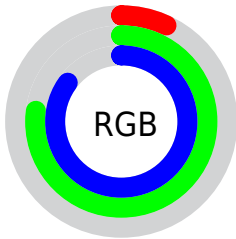
Format	Color
R _{YB}	17, 112, 216
Decimal	1164760
CIE Lab	72.90, -33.21, -20.92
CIE LCh	73, 39.252, 212.202
Yxy	45.0095, 0.2180, 0.3010
Android (android.graphics.Color)	4279354840 (0xFF11C5D8)
YUV	145.3460, 34.8324, -112.5594
Hunter-Lab	67.0891, -30.6901, -16.6108

Details

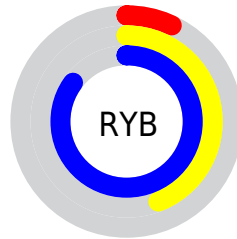
The XYZ color **32.5921, 45.0095, 71.9357** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **29.0528, 15.9037, 2.0704**, and the grayscale version is **26.9552, 28.3590, 30.8830**.

A 20% lighter version of the original color is **59.9222, 81.4186, 107.1649**, and **16.2555, 22.2181, 37.1500** is the 20% darker color. If you saturate the color by 10%, you get **31.9942, 44.1567, 71.8035**, and if you desaturate by 10%, it is **33.6563, 46.2591, 72.1217**.

Distribution



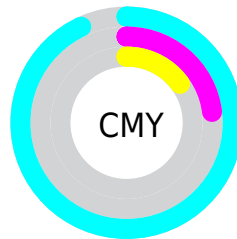
- Red (7%)
- Green (77%)
- Blue (85%)



- Red (7%)
- Yellow (44%)
- Blue (85%)



- Cyan (92%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5921, 45.0095, 71.9357 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 32.5921, 45.0095, 71.9357 by changing the saturation by 10% instead.

■ 32.5921, 45.0095,
71.9357

■ 32.5921, 45.0095,
71.9357

305.5053,
366.8120, 486.2893

■ 21.9719, 31.4649,
52.6196

■ 63.0971, 82.7347,
123.6720

■ 13.9527, 20.9531,
37.1136

■ 83.7126, 107.6840,
156.9293

■ 8.1693, 13.0897,
24.9990

■ 108.3906,
137.2038, 195.6707

■ 4.2562, 7.4904,
15.8573

■ 137.4965,
171.6783, 240.3149

■ 1.8481, 3.7706,
9.2699

■ 171.3955,
211.4920, 291.2803

■ 0.5464, 1.5461,
4.8185

210.4531,

■ 0.0000, 0.3208,

257.0292, 348.9854

2.0843

255.0345,
308.6745, 413.8489

■ 0.0000, 0.0000,
0.6064

■ 0.0000, 0.0000,
0.0000

■ 32.5921, 45.0095,
71.9357

■ 32.5921, 45.0095,
71.9357

■ 31.9942, 44.1567,
71.8035

■ 33.6563, 46.2591,
72.1217

■ 35.1892, 47.7589,
72.3304

■ 37.2614, 49.5464,
72.5662

■ 39.9307, 51.6513,
72.8318

■ 43.2474, 54.0995,
73.1295

■ 47.2562, 56.9143,
73.4615

■ 51.9982, 60.1168,
73.8298

■ 57.5110, 63.7265,
74.2359

■ 63.8298, 67.7614,
74.6817

Harmonies

Analogous

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



30.9419, 45.0095, 50.4690



32.5921, 45.0095, 71.9357



36.9374, 45.0095, 90.4295

Triad

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



32.5921, 45.0095, 71.9357



55.4956, 45.0095, 68.7470



42.2769, 45.0095, 20.1907

Complementary

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



32.5921, 45.0095, 71.9357



29.0528, 15.9037, 2.0704

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.



49.2087, 45.0095, 22.6766



32.5921, 45.0095, 71.9357



57.3080, 45.0095, 47.5749

Square

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



32.5921, 45.0095, 71.9357



50.1757, 45.0095, 88.2700



54.8968, 45.0095, 31.5565



36.1496, 45.0095, 23.5533

Rectangle

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



32.5921, 45.0095, 71.9357



41.0212, 45.0095, 96.5765



54.8968, 45.0095, 31.5565



44.5888, 45.0095, 20.3686

Sweetspot

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



32.5935, 45.0111, 71.9368



71.3449, 84.6078, 107.1784



25.0713, 49.3452, 9.6879



14.6608, 17.6927, 22.8923



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.



32.5935, 45.0111, 71.9368



46.5281, 64.1763, 104.5427



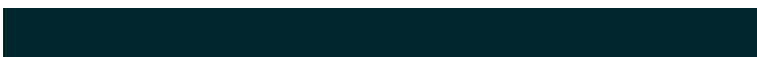
17.1781, 14.1803, 66.7983



12.6861, 13.8957, 15.9510



18.9806, 26.2230, 42.5143



1.1749, 1.6419, 2.5743

Inverse Universe

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



38.5987, 19.0326, 54.4641



55.6144, 27.0098, 77.6248



36.8220, 31.4422, 4.6601



12.8995, 12.6113, 15.4111



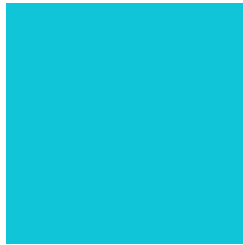
22.6394, 10.9921, 31.7348



1.3807, 0.6691, 1.9942

Previews

White Background



This preview shows how the XYZ color 32.5921, 45.0095, 71.9357 looks on a white background.

Color Contrast Check

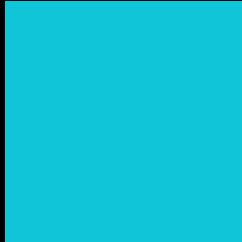
Large Text (above 18pt) WCAG AA × Fail

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 32.5921, 45.0095, 71.9357 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

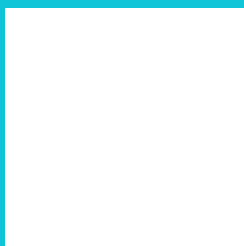
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5921, 45.0095, 71.9357

Background



This preview shows how black text looks on a background with the XYZ color 32.5921, 45.0095, 71.9357.

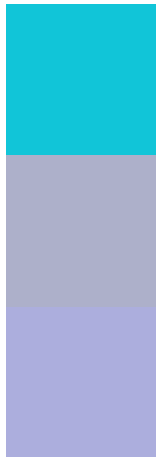


This preview shows how white text looks on a background with the XYZ color 32.5921, 45.0095,

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

32.5921, 45.0095, 71.9357

Protanopia

43.4196, 44.1992, 62.1200

Deuteranopia

45.2005, 44.2632, 74.5679



Tritanopia

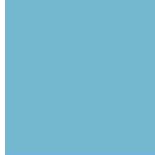
32.0015, 44.7495, 69.9017

Trichromacy



Original Color

32.5921, 45.0095, 71.9357



Protanomaly

35.6054, 42.4990, 65.3580



Deuteranomaly

36.7166, 42.2834, 73.2442



Tritanomaly

32.1915, 44.8327, 70.5752

Monochromacy



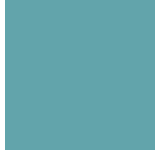
Original Color

32.5921, 45.0095, 71.9357



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.6631, 32.0879, 43.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5921, 45.0095, 71.9357 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(17, 197, 216)` looks like.

```
.text, #text, p{  
    color:rgb(17, 197, 216)  
}
```

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(17, 197, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 197, 216) }
```

Border

The CSS property to change the border of an element to XYZ 32.5921, 45.0095, 71.9357 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(17, 197, 216) }
```


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

```
.border{ border-color:rgb(17, 197, 216) }
```

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

Here you see how a box with a 4 pixel rgb(17, 197, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 197, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 197, 216);  
box-shadow:4px 4px 4px 4px rgb(17, 197,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5921, 45.0095, 71.9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 197, 216) }
```

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

```
.background{ background-color: rgb(17, 197,  
216) }
```

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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