

Converting Colors

XYZ(32.7432, 43.7581, 75.1279)

Have a look what the booklet for
XYZ(32.7432, 43.7581, 75.1279)
contains.

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Color

**XYZ(32.6862, 43.6517,
75.1095)**

Conversions

Conversions Part 1

Format	Color
Hex	1FC1DD
RGB	31, 193, 221
RGB Percent	12%, 76%, 87%
CMY	0.8783, 0.2431, 0.1333
CMYK	0.86, 0.13, 0.00, 0.13
HSL	189°, 75%, 49%
HSV	189°, 86%, 87%
XYZ	32.6862, 43.6517, 75.1095
YIQ	147.7540, -105.5400, -25.6360

Conversions

Conversions Part 2

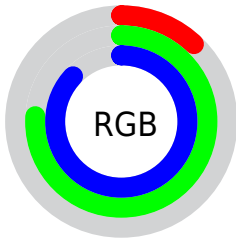
Format	Color
R_{YB}	31, 118, 221
Decimal	2081245
CIE _{Lab}	72.00, -28.98, -25.00
CIE _{LCh}	72, 38.277, 220.778
Yxy	43.6517, 0.2158, 0.2882
Android (android.graphics.Color)	4280271325 (0xFF1FC1DD)
YUV	147.7540, 36.1103, -102.3933
Hunter-Lab	66.0694, -27.3131, -21.1539

Details

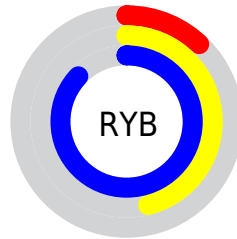
The XYZ color **32.6862, 43.6517, 75.1095** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **31.6319, 18.6016, 3.2212**, and the grayscale version is **27.9352, 29.3900, 32.0057**.

A 20% lighter version of the original color is **59.1750, 79.1686, 106.7700**, and **16.1156, 21.2184, 39.3226** is the 20% darker color. If you saturate the color by 10%, you get **31.5214, 41.9949, 74.8519**, and if you desaturate by 10%, it is **34.3246, 45.5779, 75.3958**.

Distribution



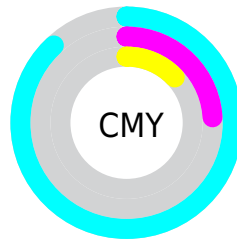
- Red (12%)
- Green (76%)
- Blue (87%)



- Red (12%)
- Yellow (46%)
- Blue (87%)



- Cyan (86%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)





- Cyan (88%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6862, 43.6517, 75.1095 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 32.6862, 43.6517, 75.1095 by changing the saturation by 10% instead.


 32.6862, 43.6517,
75.1095


 32.6862, 43.6517,
75.1095


305.9234,
361.2851, 497.5593


 22.0442, 30.3968,
55.2003


 63.2433, 80.6934,
128.2159

 14.0062, 20.1400,
39.1625


 83.8891, 105.2489,
162.2502


 8.2067, 12.4968,
26.5773


 108.6002,
134.3402, 201.8299

 4.2804, 7.0830,
17.0264

 137.7421,
168.3514, 247.3736

 1.8620, 3.5141,
10.0912

 171.6800,
207.6672, 299.2999

 0.5546, 1.4056,
5.3531

210.7792,

 0.0000, 0.2209,

252.6718, 358.0272

2.3935

255.4053,
303.7496, 423.9742

■ 0.0000, 0.0000,
0.7829

■ 0.0000, 0.0000,
0.0000

■ 32.6862, 43.6517,
75.1095

■ 32.6862, 43.6517,
75.1095

■ 31.5214, 41.9949,
74.8519

■ 34.3246, 45.5779,
75.3958

■ 31.1266, 41.3711,
74.7524

■ 36.5130, 47.8105,
75.7114

■ 39.3182, 50.3848,
76.0604

■ 42.7961, 53.3300,
76.4456

■ 46.9963, 56.6717,
76.8692

■ 51.9636, 60.4330,
77.3334

■ 57.7393, 64.6355,
77.8402

■ 64.3613, 69.2989,
78.3913

■ 71.8655, 74.4417,
78.9884

Harmonies

Analogous

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



30.3330, 43.6517, 54.5792



32.6862, 43.6517, 75.1095



37.4901, 43.6517, 90.2327

Triad

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



32.6862, 43.6517, 75.1095



54.5166, 43.6517, 60.3838



39.1846, 43.6517, 20.2249

Complementary

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



32.6862, 43.6517, 75.1095



31.6319, 18.6016, 3.2212

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.



45.7640, 43.6517, 21.0104



32.6862, 43.6517, 75.1095



55.0929, 43.6517, 41.1142

Square

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



32.6862, 43.6517, 75.1095



50.2463, 43.6517, 80.3061



51.7468, 43.6517, 27.6924



33.8144, 43.6517, 25.1611

Rectangle

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



32.6862, 43.6517, 75.1095



41.6605, 43.6517, 93.3374



51.7468, 43.6517, 27.6924



41.3192, 43.6517, 19.8698

Sweetspot

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



32.6876, 43.6533, 75.1106



71.6836, 83.4438, 106.9359



27.1450, 52.2942, 12.4500



14.8053, 17.4582, 22.8394



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.



32.6876, 43.6533, 75.1106



42.9709, 57.0617, 103.3570



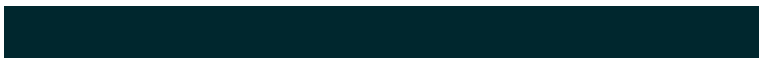
18.2399, 14.7579, 70.2947



13.2728, 14.4854, 16.7485



18.1471, 24.1637, 43.4460



1.2211, 1.6564, 2.8298

Inverse Universe

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



39.9357, 20.2039, 52.2485



53.8189, 26.2916, 68.1696



41.1886, 37.7151, 6.4068



13.5276, 13.2401, 16.0395



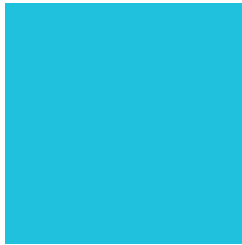
22.6552, 11.0631, 28.8939



1.4907, 0.7259, 1.9928

Previews

White Background



This preview shows how the XYZ color 32.6862, 43.6517, 75.1095 looks on a white background.

Color Contrast Check

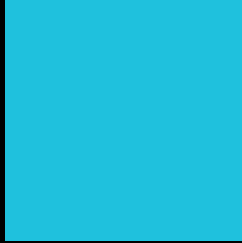
Large Text (above 18pt) WCAG AA × Fail

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 32.6862, 43.6517, 75.1095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

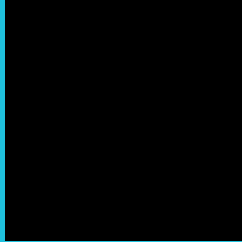
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6862, 43.6517, 75.1095

Background



This preview shows how black text looks on a background with the XYZ color 32.6862, 43.6517, 75.1095.

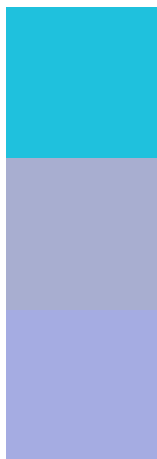


This preview shows how white text looks on a background with the XYZ color 32.6862, 43.6517,

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

32.6862, 43.6517, 75.1095

Protanopia

42.6697, 43.1510, 65.7546

Deuteranopia

43.9970, 42.9954, 77.9315



Tritanopia

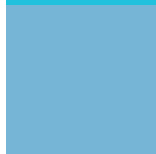
31.2730, 43.7334, 68.4211

Trichromacy



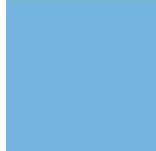
Original Color

32.6862, 43.6517, 75.1095



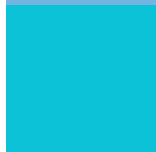
Protanomaly

36.0053, 41.7034, 69.1027



Deuteranomaly

36.9783, 41.7373, 76.6282



Tritanomaly

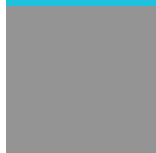
31.6955, 43.5610, 71.0276

Monochromacy



Original Color

32.6862, 43.6517, 75.1095



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.8390, 32.6493, 45.4448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6862, 43.6517, 75.1095 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(31, 193, 221)` looks like.

```
.text, #text, p{  
    color:rgb(31, 193, 221)  
}
```

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(31, 193, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 193, 221) }
```

Border

The CSS property to change the border of an element to XYZ 32.6862, 43.6517, 75.1095 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(31, 193, 221) }
```


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

```
.border{ border-color:rgb(31, 193, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 193, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 193, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 193, 221);  
box-shadow:4px 4px 4px 4px rgb(31, 193,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6862, 43.6517, 75.1095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 193, 221) }
```

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

```
.background{ background-color: rgb(31, 193,  
221) }
```

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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