

Converting Colors

XYZ(30.2630, 43.0240, 63.7669)

Have a look what the booklet for
XYZ(30.2630, 43.0240, 63.7669)
contains.

XYZ(30.2535, 42.9755, 63.8273)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2535, 42.9755,
63.8273)**

Conversions

Conversions Part 1

Format	Color
Hex	05C2CC
RGB	5, 194, 204
RGB Percent	2%, 76%, 80%
CMY	0.9802, 0.2392, 0.2000
CMYK	0.98, 0.05, 0.00, 0.20
HSL	183°, 95%, 41%
HSV	183°, 98%, 80%
XYZ	30.2535, 42.9755, 63.8273
YIQ	138.6290, -115.8540, -36.9580

Conversions

Conversions Part 2

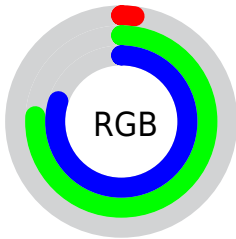
Format	Color
R _Y B	5, 102, 204
Decimal	377548
CIE Lab	71.54, -35.93, -16.46
CIE LCh	72, 39.520, 204.606
Yxy	42.9755, 0.2207, 0.3136
Android (android.graphics.Color)	4278567628 (0xFF05C2CC)
YUV	138.6290, 32.2279, -117.1926
Hunter-Lab	65.5557, -32.3460, -11.8378

Details

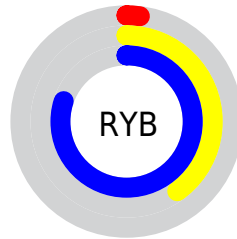
The XYZ color **30.2535, 42.9755, 63.8273** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **25.1014, 13.1916, 1.3682**, and the grayscale version is **24.3163, 25.5827, 27.8595**.

A 20% lighter version of the original color is **58.4910, 79.2785, 106.8272**, and **14.8831, 20.9582, 32.1151** is the 20% darker color. If you saturate the color by 10%, you get **30.1352, 42.8316, 63.8066**, and if you desaturate by 10%, it is **30.8327, 43.6149, 63.9210**.

Distribution



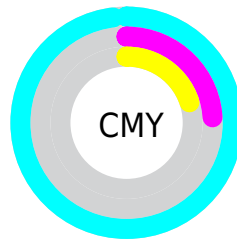
- Red (2%)
- Green (76%)
- Blue (80%)



- Red (2%)
- Yellow (40%)
- Blue (80%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2535, 42.9755, 63.8273 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 30.2535, 42.9755, 63.8273 by changing the saturation by 10% instead.

30.2535, 42.9755,
63.8273

30.2535, 42.9755,
63.8273

294.9730,
358.5110, 456.7561

20.1801, 29.8659,
46.0655

59.4467, 79.6739,
111.9593

12.6351, 19.7368,
31.9485

79.2973, 104.0315,
143.1665

7.2530, 12.2039,
21.0577

103.1376,
132.9071, 179.6927

3.6686, 6.8827,
12.9745

131.3330,
166.6853, 221.9563

1.5164, 3.3888,
7.2805

164.2489,
205.7504, 270.3759

0.3369, 1.3379,
3.5570

202.2506,

0.0000, 0.1703,

250.4868, 325.3700

1.3856

245.7035,
301.2789, 387.3572

■ 0.0000, 0.0000,
0.1305

■ 0.0000, 0.0000,
0.0000

■ 30.2535, 42.9755,
63.8273

■ 30.2535, 42.9755,
63.8273

■ 30.1352, 42.8316,
63.8066

■ 30.8327, 43.6149,
63.9210

■ 31.7711, 44.4409,
64.0310

■ 33.1469, 45.4948,
64.1619

■ 35.0149, 46.8047,
64.3163

■ 37.4217, 48.3948,
64.4963

■ 40.4088, 50.2863,
64.7040

■ 44.0134, 52.4986,
64.9410

■ 48.2696, 55.0492,
65.2090

■ 53.2091, 57.9544,
65.5094

Harmonies

Analogous

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



29.3550, 42.9755, 43.4217



30.2535, 42.9755, 63.8273



33.8548, 42.9755, 83.6089

Triad

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



30.2535, 42.9755, 63.8273



52.2285, 42.9755, 71.4756



42.0655, 42.9755, 18.9087

Complementary

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



30.2535, 42.9755, 63.8273



25.1014, 13.1916, 1.3682

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.



48.7410, 42.9755, 22.7694



30.2535, 42.9755, 63.8273



55.0037, 42.9755, 50.3344

Square

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



30.2535, 42.9755, 63.8273



46.4274, 42.9755, 88.8012



53.6629, 42.9755, 33.0960



35.7325, 42.9755, 20.6977

Rectangle

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



30.2535, 42.9755, 63.8273



37.5336, 42.9755, 91.9320



53.6629, 42.9755, 33.0960



44.3497, 42.9755, 19.5476

Sweetspot

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



30.2548, 42.9771, 63.8283



71.7036, 86.2215, 107.4710



21.7426, 43.2534, 7.6546



14.7859, 18.1112, 22.9665



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.



30.2548, 42.9771, 63.8283



49.8571, 70.8343, 105.6524



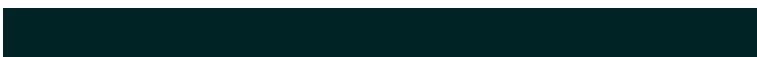
15.0167, 12.5008, 58.7490



11.4931, 12.6266, 14.4018



18.9882, 27.0003, 40.1671



0.9947, 1.4232, 2.0772

Inverse Universe

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



34.6949, 16.8423, 52.4628



57.2948, 27.6819, 86.4733



31.0006, 24.9902, 3.3347



11.6623, 11.3936, 14.0220



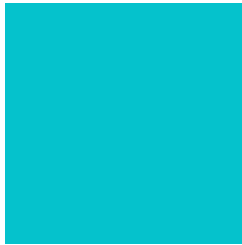
21.7953, 10.5287, 32.9702



1.1320, 0.5462, 1.7412

Previews

White Background



This preview shows how the XYZ color 30.2535, 42.9755, 63.8273 looks on a white background.

Color Contrast Check

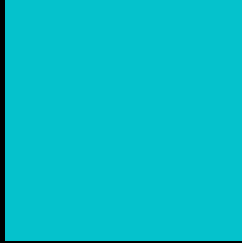
Large Text (above 18pt) WCAG AA × Fail

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 30.2535, 42.9755, 63.8273 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

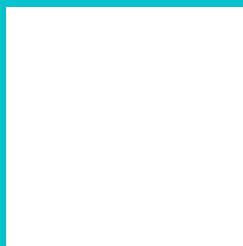
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2535, 42.9755, 63.8273

Background



This preview shows how black text looks on a background with the XYZ color 30.2535, 42.9755, 63.8273.



This preview shows how white text looks on a background with the XYZ color 30.2535, 42.9755,

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

30.2535, 42.9755, 63.8273

Protanopia

41.2511, 42.3755, 54.7203

Deuteranopia

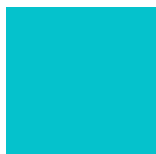
43.1169, 42.2371, 66.2017



Tritanopia

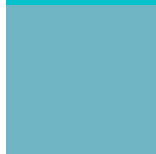
30.9319, 42.9255, 66.9768

Trichromacy



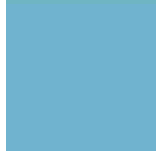
Original Color

30.2535, 42.9755, 63.8273



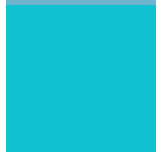
Protanomaly

32.9297, 40.3674, 57.6859



Deuteranomaly

34.0647, 40.1899, 64.9935



Tritanomaly

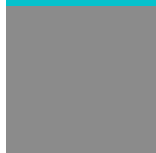
30.5461, 42.7551, 65.6741

Monochromacy



Original Color

30.2535, 42.9755, 63.8273



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

23.2254, 29.6143, 39.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2535, 42.9755, 63.8273 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(5, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(5, 194, 204)  
}
```

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(5, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 194, 204) }
```

Border

The CSS property to change the border of an element to XYZ 30.2535, 42.9755, 63.8273 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(5, 194, 204) }
```


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

```
.border{ border-color:rgb(5, 194, 204) }
```

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

Here you see how a box with a 4 pixel rgb(5, 194, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(5, 194,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2535, 42.9755, 63.8273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 194, 204) }
```

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

```
.background{ background-color: rgb(5, 194,  
204) }
```

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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