

Converting Colors

XYZ(30.0633, 43.7523, 55.6508)

Have a look what the booklet for
XYZ(30.0633, 43.7523, 55.6508)
contains.

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Color

**XYZ(30.0305, 43.7112,
55.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	2BC4BE
RGB	43, 196, 190
RGB Percent	17%, 77%, 75%
CMY	0.8313, 0.2314, 0.2549
CMYK	0.78, 0.00, 0.03, 0.23
HSL	178°, 64%, 47%
HSV	178°, 78%, 77%
XYZ	30.0305, 43.7112, 55.5695
YIQ	149.5690, -89.2620, -34.3020

Conversions

Conversions Part 2

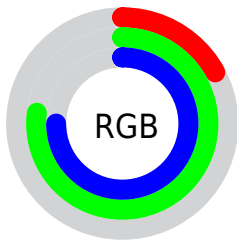
Format	Color
RYB	43, 121, 196
Decimal	2868414
CIELab	72.04, -38.91, -8.04
CIELCh	72, 39.736, 191.680
Yxy	43.7112, 0.2322, 0.3380
Android (android.graphics.Color)	4281058494 (0xFF2BC4BE)
YUV	149.5690, 19.9325, -93.4610
Hunter-Lab	66.1144, -34.6220, -3.5534

Details

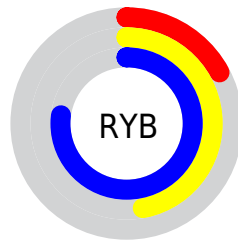
The XYZ color **30.0305, 43.7112, 55.5695** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **24.1847, 13.6867, 4.2744**, and the grayscale version is **28.7545, 30.2519, 32.9444**.

A 20% lighter version of the original color is **58.9623, 80.6174, 99.6419**, and **14.0402, 20.8559, 26.9525** is the 20% darker color. If you saturate the color by 10%, you get **29.3140, 43.3525, 55.0994**, and if you desaturate by 10%, it is **31.1446, 44.2768, 56.0625**.

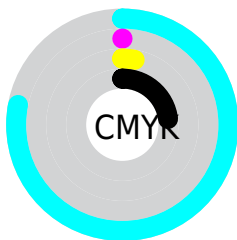
Distribution



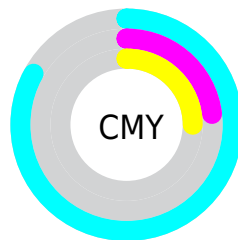
- Red (17%)
- Green (77%)
- Blue (75%)



- Red (17%)
- Yellow (47%)
- Blue (77%)



- Cyan (78%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (83%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0305, 43.7112, 55.5695 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 30.0305, 43.7112, 55.5695 by changing the saturation by 10% instead.

■ 30.0305, 43.7112,
55.5695

■ 30.0305, 43.7112,
55.5695

293.9539,
361.5285, 425.4097

■ 20.0099, 30.4435,
39.4562

■ 59.0967, 80.7830,
99.8544

■ 12.5106, 20.1755,
26.8042

■ 78.8730, 105.3559,
128.8630

■ 7.1671, 12.5227,
17.1951

■ 102.6320,
134.4660, 163.0072

■ 3.6141, 7.1007,
10.2103

■ 130.7390,
168.4977, 202.7054

■ 1.4862, 3.5252,
5.4312

■ 163.5593,
207.8354, 248.3762

■ 0.3164, 1.4117,
2.4393

201.4583,

■ 0.0000, 0.2253,

252.8635, 300.4382

0.8077

244.8014,
303.9664, 359.3098

■ 0.0000, 0.0000,
0.0000

■ 30.0305, 43.7112,
55.5695

■ 30.0305, 43.7112,
55.5695

■ 29.3140, 43.3525,
55.0994

■ 31.1446, 44.2768,
56.0625

■ 28.9155, 43.1567,
54.6454

■ 32.7023, 45.0700,
56.5777

■ 28.8516, 43.1256,
54.5581

■ 34.7476, 46.1146,
57.1179

■ 37.3181, 47.4298,
57.6851

■ 40.4478, 49.0333,
58.2808

■ 44.1677, 50.9410,
58.9064

■ 48.5068, 53.1678,
59.5633

■ 53.4918, 55.7276,
60.2528

■ 59.1481, 58.6334,
60.9761

Harmonies

Analogous

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



30.3467, 43.7112, 36.7850



30.0305, 43.7112, 55.5695



32.5406, 43.7112, 77.0286

Triad

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



30.0305, 43.7112, 55.5695



50.8437, 43.7112, 81.3263



45.7852, 43.7112, 20.1974

Complementary

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



30.0305, 43.7112, 55.5695



24.1847, 13.6867, 4.2744

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.



52.0765, 43.7112, 26.8138



30.0305, 43.7112, 55.5695



55.2091, 43.7112, 60.3368

Square

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



30.0305, 43.7112, 55.5695



44.2449, 43.7112, 94.3864



55.6834, 43.7112, 40.4207



38.9595, 43.7112, 19.5712

Rectangle

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



30.0305, 43.7112, 55.5695



35.6569, 43.7112, 88.6658



55.6834, 43.7112, 40.4207



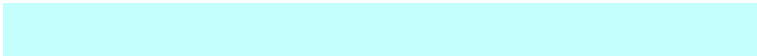
48.0506, 43.7112, 21.6893

Sweetspot

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



30.0318, 43.7128, 55.5705



76.2978, 90.3754, 106.1004



21.5252, 40.3508, 8.9407



15.8201, 19.0822, 22.6218



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.



30.0318, 43.7128, 55.5705



52.5346, 78.2532, 99.2001



18.5706, 19.7189, 55.0537



10.3509, 11.4214, 12.8512



18.5455, 27.7123, 35.0955



0.8067, 1.1995, 1.5448

Inverse Universe

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



24.1847, 13.6867, 4.2744



41.5874, 21.6791, 2.8956



28.9805, 23.4678, 5.2890



10.0889, 10.0841, 10.5584



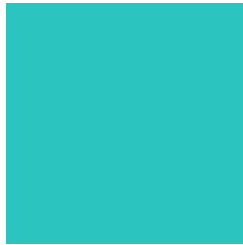
14.6620, 7.5546, 0.8664



0.6391, 0.3287, 0.0671

Previews

White Background



This preview shows how the XYZ color 30.0305, 43.7112, 55.5695 looks on a white background.

Color Contrast Check

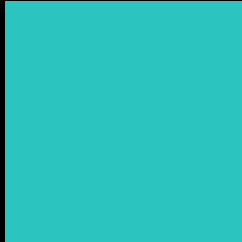
Large Text (above 18pt) WCAG AA × Fail

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 30.0305, 43.7112, 55.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

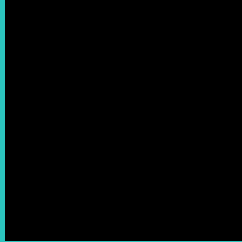
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

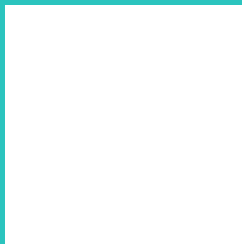
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0305, 43.7112, 55.5695

Background



This preview shows how black text looks on a background with the XYZ color 30.0305, 43.7112, 55.5695.

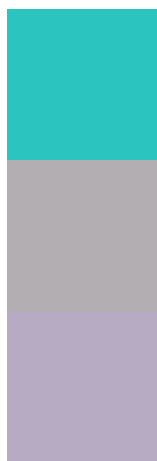


This preview shows how white text looks on a background with the XYZ color 30.0305, 43.7112,

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

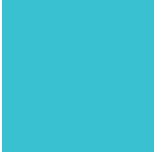
30.0305, 43.7112, 55.5695

Protanopia

41.4320, 42.9114, 47.6940

Deuteranopia

44.0552, 43.1786, 58.2369



Tritanopia

32.2659, 43.6132, 67.0392

Trichromacy



Original Color

30.0305, 43.7112, 55.5695



Protanomaly

34.2247, 41.5004, 50.4625



Deuteranomaly

35.5746, 41.4431, 57.1633



Tritanomaly

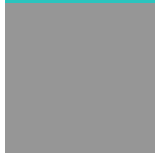
31.3686, 43.5779, 62.6352

Monochromacy



Original Color

30.0305, 43.7112, 55.5695



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

27.1658, 33.7336, 40.6767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0305, 43.7112, 55.5695 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(43, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(43, 196, 190)  
}
```

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(43, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 196, 190) }
```

Border

The CSS property to change the border of an element to XYZ 30.0305, 43.7112, 55.5695 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(43, 196, 190) }
```


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

```
.border{ border-color:rgb(43, 196, 190) }
```

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

Here you see how a box with a 4 pixel rgb(43, 196, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(43, 196,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0305, 43.7112, 55.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 196, 190) }
```

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

```
.background{ background-color: rgb(43, 196,  
190) }
```

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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