

Converting Colors

XYZ(26.6969, 41.0331, 60.1429)

Have a look what the booklet for
XYZ(26.6969, 41.0331, 60.1429)
contains.

XYZ(29.2630, 42.2171, 60.0325)	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(29.2630, 42.2171,
60.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	00C1C6
RGB	0, 193, 198
RGB Percent	0%, 76%, 78%
CMY	0.9998, 0.2431, 0.2235
CMYK	1.00, 0.03, 0.00, 0.22
HSL	182°, 100%, 39%
HSV	182°, 100%, 78%
XYZ	29.2630, 42.2171, 60.0325
YIQ	135.8630, -116.6330, -39.3610

Conversions

Conversions Part 2

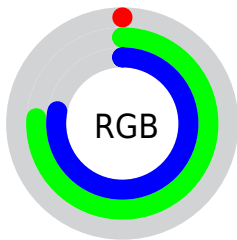
Format	Color
RYB	0, 98, 198
Decimal	49606
CIELab	71.02, -37.47, -13.96
CIELCh	71, 39.983, 200.440
Yxy	42.2171, 0.2225, 0.3210
Android (android.graphics.Color)	4278239686 (0xFF00C1C6)
YUV	135.8630, 30.6335, -119.1519
Hunter-Lab	64.9747, -33.3137, -9.2979

Details

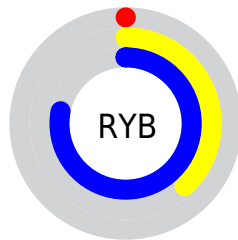
The XYZ color **29.2630, 42.2171, 60.0325** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **23.3440, 12.1155, 1.1094**, and the grayscale version is **23.2762, 24.4884, 26.6679**.

A 20% lighter version of the original color is **57.9445, 78.5343, 106.7124**, and **14.2667, 20.4789, 29.5864** is the 20% darker color. If you saturate the color by 10%, you get **29.2635, 42.2179, 60.0334**, and if you desaturate by 10%, it is **29.6598, 42.5869, 60.0838**.

Distribution



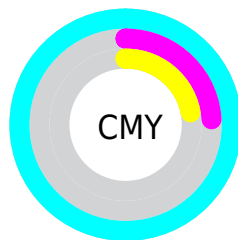
- Red (0%)
- Green (76%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2630, 42.2171, 60.0325 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 29.2630, 42.2171, 60.0325 by changing the saturation by 10% instead.

■ 29.2630, 42.2171,
60.0325

■ 29.2630, 42.2171,
60.0325

290.4257,
355.3821, 442.5255

■ 19.4251, 29.2713,
43.0194

■ 57.8894, 78.5281,
106.4206

■ 12.0837, 19.2862,
29.5688

■ 77.4086, 102.6621,
136.6327

■ 6.8733, 11.8772,
19.2623

■ 100.8856,
131.2943, 172.0816

■ 3.4286, 6.6601,
11.6812

■ 128.6858,
164.8091, 213.1856

■ 1.3843, 3.2505,
6.4071

■ 161.1746,
203.5909, 260.3635

■ 0.2450, 1.2639,
3.0214

198.7173,

■ 0.0000, 0.1130,

248.0240, 314.0338

1.1056

241.6792,
298.4930, 374.6149

■ 0.0000, 0.0000,
0.0000

■ 29.2630, 42.2171,
60.0325

■ 29.2630, 42.2171,
60.0325

■ 29.2635, 42.2179,
60.0334

■ 29.6598, 42.5869,
60.0838

■ 30.3469, 43.1060,
60.1477

■ 31.4271, 43.8284,
60.2302

■ 32.9537, 44.7814,
60.3337

■ 34.9716, 45.9883,
60.4603

■ 37.5202, 47.4693,
60.6119

■ 40.6350, 49.2427,
60.7900

■ 44.3484, 51.3253,
60.9963

■ 48.6902, 53.7324,
61.2320

Harmonies

Analogous

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



28.7558, 42.2171, 40.1297



29.2630, 42.2171, 60.0325



32.4958, 42.2171, 80.5195

Triad

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



29.2630, 42.2171, 60.0325



50.8543, 42.2171, 73.5704



42.2953, 42.2171, 18.4169

Complementary

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



29.2630, 42.2171, 60.0325



23.3440, 12.1155, 1.1094

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.



48.8661, 42.2171, 23.0571



29.2630, 42.2171, 60.0325



54.1566, 42.2171, 52.3451

Square

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



29.2630, 42.2171, 60.0325



44.7762, 42.2171, 89.7186



53.3913, 42.2171, 34.2907



35.8096, 42.2171, 19.4145

Rectangle

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



29.2630, 42.2171, 60.0325



35.9814, 42.2171, 90.0201



53.3913, 42.2171, 34.2907



44.5774, 42.2171, 19.3061

Sweetspot

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



29.2643, 42.2187, 60.0335



71.6719, 87.0379, 107.6302



20.2133, 40.3964, 6.8280



14.8130, 18.3304, 23.0073



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.



29.2643, 42.2187, 60.0335



51.7901, 74.7002, 106.2967



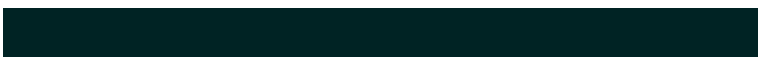
14.3514, 12.3930, 55.0626



10.9229, 12.0198, 13.6618



19.0405, 27.4750, 39.0440



0.9090, 1.3158, 1.8512

Inverse Universe

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



32.9155, 15.8573, 51.7795



58.2704, 28.0722, 91.6111



28.0724, 21.5722, 2.6856



11.0711, 10.8118, 13.3577



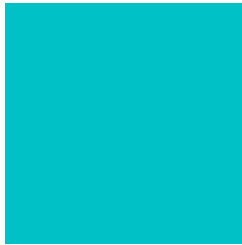
21.4101, 10.3136, 33.6991



1.0175, 0.4898, 1.6154

Previews

White Background



This preview shows how the XYZ color 29.2630, 42.2171, 60.0325 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 29.2630, 42.2171, 60.0325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

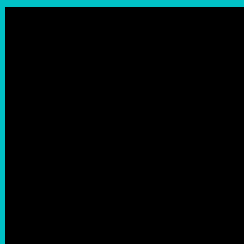
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

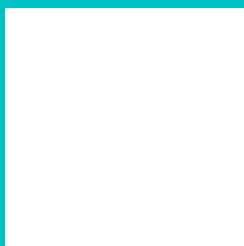
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2630, 42.2171, 60.0325

Background



This preview shows how black text looks on a background with the XYZ color 29.2630, 42.2171, 60.0325.



This preview shows how white text looks on a background with the XYZ color 29.2630, 42.2171,

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

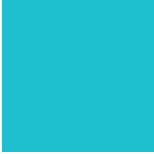
29.2630, 42.2171, 60.0325

Protanopia

40.2279, 41.3572, 51.2099

Deuteranopia

42.4230, 41.6864, 62.3103



Tritanopia

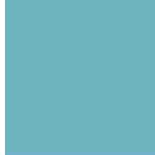
30.6475, 42.4803, 65.6157

Trichromacy



Original Color

29.2630, 42.2171, 60.0325



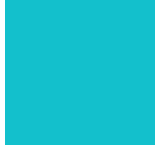
Protanomaly

31.6121, 39.1655, 54.0377



Deuteranomaly

33.0186, 39.4373, 61.1302



Tritanomaly

30.0173, 42.1974, 63.6896

Monochromacy



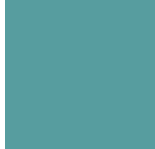
Original Color

29.2630, 42.2171, 60.0325



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

22.2455, 28.6434, 37.1572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2630, 42.2171, 60.0325 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, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 198)  
}
```

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, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 198) }
```

Border

The CSS property to change the border of an element to XYZ 29.2630, 42.2171, 60.0325 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, 193, 198) }
```


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

```
.border{ border-color:rgb(0, 193, 198) }
```

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

Here you see how a box with a 4 pixel rgb(0, 193, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2630, 42.2171, 60.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 198) }
```

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

```
.background{ background-color: rgb(0, 193,  
198) }
```

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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