

Converting Colors

XYZ(29.2898, 42.1991, 57.7638)

Have a look what the booklet for
XYZ(29.2898, 42.1991, 57.7638)
contains.

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Color

**XYZ(29.3143, 42.2962,
57.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	1DC1C2
RGB	29, 193, 194
RGB Percent	11%, 76%, 76%
CMY	0.8862, 0.2431, 0.2392
CMYK	0.85, 0.01, 0.00, 0.24
HSL	180°, 74%, 44%
HSV	180°, 85%, 76%
XYZ	29.3143, 42.2962, 57.6579
YIQ	144.0780, -98.0650, -34.4570

Conversions

Conversions Part 2

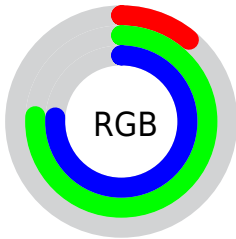
Format	Color
R_{YB}	29, 111, 194
Decimal	1950146
CIE _{Lab}	71.07, -37.50, -11.68
CIE _{LCh}	71, 39.279, 197.296
Yxy	42.2962, 0.2268, 0.3272
Android (android.graphics.Color)	4280140226 (0xFF1DC1C2)
YUV	144.0780, 24.6115, -100.9234
Hunter-Lab	65.0355, -33.3546, -7.0393

Details

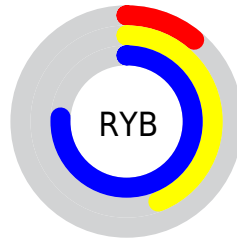
The XYZ color **29.3143, 42.2962, 57.6579** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **22.9352, 12.4878, 2.3652**, and the grayscale version is **26.4757, 27.8545, 30.3336**.

A 20% lighter version of the original color is **57.8713, 78.5883, 102.5614**, and **13.9662, 20.3587, 28.0045** is the 20% darker color. If you saturate the color by 10%, you get **28.9028, 42.0465, 57.6322**, and if you desaturate by 10%, it is **30.0731, 42.7268, 57.7018**.

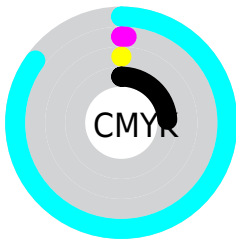
Distribution



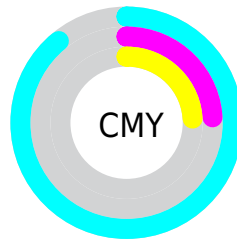
- Red (11%)
- Green (76%)
- Blue (76%)



- Red (11%)
- Yellow (44%)
- Blue (76%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3143, 42.2962, 57.6579 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 29.3143, 42.2962, 57.6579 by changing the saturation by 10% instead.

■ 29.3143, 42.2962,
57.6579

■ 29.3143, 42.2962,
57.6579

290.6626,
355.7093, 433.4726

■ 19.4642, 29.3333,
41.1208

■ 57.9702, 78.6477,
102.9344

■ 12.1122, 19.3331,
28.0931

■ 77.5067, 102.8051,
132.5108

■ 6.8929, 11.9112,
18.1562

■ 101.0027,
131.4628, 167.2708

■ 3.4409, 6.6832,
10.8916

■ 128.8235,
165.0052, 207.6328

■ 1.3910, 3.2648,
5.8807

■ 161.3346,
203.8166, 254.0155

■ 0.2498, 1.2715,
2.7051

198.9012,

■ 0.0000, 0.1190,

248.2815, 306.8373

0.9460

241.8887,
298.7843, 366.5168

■ 0.0000, 0.0000,
0.0000

■ 29.3143, 42.2962,
57.6579

■ 29.3143, 42.2962,
57.6579

■ 28.9028, 42.0465,
57.6322

■ 30.0731, 42.7268,
57.7018

■ 28.7695, 41.9587,
57.6222

■ 31.2316, 43.3627,
57.7635

■ 32.8373, 44.2290,
57.8461

■ 34.9301, 45.3466,
57.9515

■ 37.5455, 46.7335,
58.0813

■ 40.7157, 48.4065,
58.2372

■ 44.4702, 50.3808,
58.4204

■ 48.8367, 52.6705,
58.6322

■ 53.8407, 55.2890,
58.8739

Harmonies

Analogous

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



29.1028, 42.2962, 38.5525



29.3143, 42.2962, 57.6579



32.2342, 42.2962, 78.0517

Triad

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



29.3143, 42.2962, 57.6579



50.2082, 42.2962, 75.1768



43.0414, 42.2962, 19.0250

Complementary

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



29.3143, 42.2962, 57.6579



22.9352, 12.4878, 2.3652

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.



49.3835, 42.2962, 24.2697



29.3143, 42.2962, 57.6579



53.8138, 42.2962, 54.4691

Square

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



29.3143, 42.2962, 57.6579



44.0717, 42.2962, 89.9062



53.4966, 42.2962, 36.1208



36.5643, 42.2962, 19.4438

Rectangle

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



29.3143, 42.2962, 57.6579



35.5237, 42.2962, 88.0962



53.4966, 42.2962, 36.1208



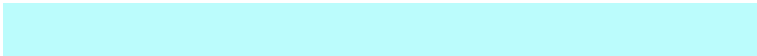
45.2724, 42.2962, 20.1078

Sweetspot

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



29.3156, 42.2978, 57.6589



72.9169, 87.2520, 105.4680



20.0213, 38.9345, 7.6235



15.5087, 18.8651, 23.0739



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.



29.3156, 42.2978, 57.6589



52.1150, 76.0025, 104.3930



15.9853, 15.6372, 53.2155



10.3632, 11.4177, 12.9425



18.9172, 27.5909, 37.8851



0.8191, 1.1956, 1.6375

Inverse Universe

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



32.3143, 16.1996, 51.8774



57.7084, 27.7397, 93.5152



28.2108, 23.0389, 4.1237



10.4946, 10.2465, 12.6952



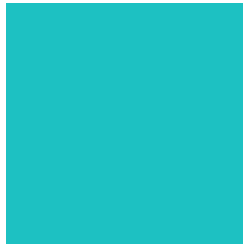
20.9445, 10.0676, 33.9494



0.9058, 0.4353, 1.4714

Previews

White Background



This preview shows how the XYZ color 29.3143, 42.2962, 57.6579 looks on a white background.

Color Contrast Check

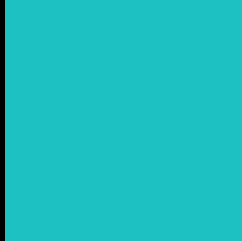
Large Text (above 18pt) WCAG AA × Fail

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 29.3143, 42.2962, 57.6579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

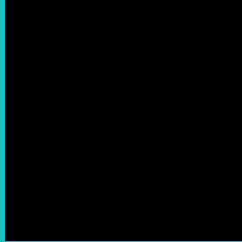
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

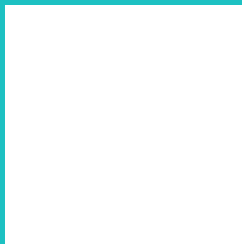
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3143, 42.2962, 57.6579

Background



This preview shows how black text looks on a background with the XYZ color 29.3143, 42.2962, 57.6579.

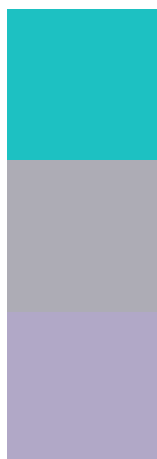


This preview shows how white text looks on a background with the XYZ color 29.3143, 42.2962,

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

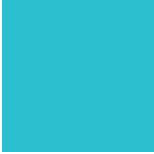
29.3143, 42.2962, 57.6579

Protanopia

40.3266, 41.7255, 49.6444

Deuteranopia

42.4429, 41.4759, 59.8015



Tritanopia

30.8895, 42.2802, 65.5643

Trichromacy



Original Color

29.3143, 42.2962, 57.6579

Protanomaly

33.0693, 40.2526, 52.4810

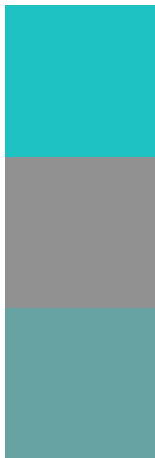
Deuteranomaly

33.9686, 39.6865, 58.6932

Tritanomaly

30.3096, 42.3756, 62.4589

Monochromacy



Original Color

29.3143, 42.2962, 57.6579

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

24.9214, 31.2741, 38.9054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3143, 42.2962, 57.6579 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(29, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(29, 193, 194)  
}
```

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(29, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 193, 194) }
```

Border

The CSS property to change the border of an element to XYZ 29.3143, 42.2962, 57.6579 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(29, 193, 194) }
```


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

```
.border{ border-color:rgb(29, 193, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(29, 193,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3143, 42.2962, 57.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 193, 194) }
```

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

```
.background{ background-color: rgb(29, 193,  
194) }
```

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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