

Converting Colors

XYZ(29.0352, 42.4182, 57.5785)

Have a look what the booklet for
XYZ(29.0352, 42.4182, 57.5785)
contains.

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Color

**XYZ(29.1045, 42.5173,
57.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	06C2C2
RGB	6, 194, 194
RGB Percent	2%, 76%, 76%
CMY	0.9763, 0.2392, 0.2392
CMYK	0.97, 0.00, 0.00, 0.24
HSL	180°, 94%, 39%
HSV	180°, 97%, 76%
XYZ	29.1045, 42.5173, 57.7116
YIQ	137.7880, -112.0480, -39.8560

Conversions

Conversions Part 2

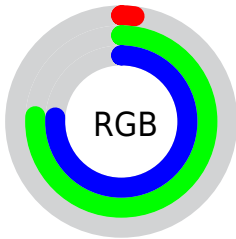
Format	Color
RYB	6, 100, 194
Decimal	443074
CIELab	71.23, -38.96, -11.47
CIELCh	71, 40.616, 196.399
Yxy	42.5173, 0.2250, 0.3287
Android (android.graphics.Color)	4278633154 (0xFF06C2C2)
YUV	137.7880, 27.7125, -115.5781
Hunter-Lab	65.2053, -34.4355, -6.8324

Details

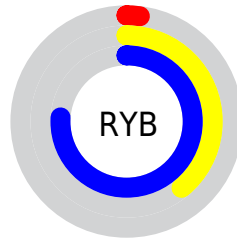
The XYZ color **29.1045, 42.5173, 57.7116** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **22.3475, 11.6141, 1.2375**, and the grayscale version is **24.0105, 25.2610, 27.5092**.

A 20% lighter version of the original color is **57.5782, 78.8997, 102.6370**, and **14.1117, 20.6496, 28.0530** is the 20% darker color. If you saturate the color by 10%, you get **29.0301, 42.4799, 57.7091**, and if you desaturate by 10%, it is **29.4421, 42.6922, 57.7285**.

Distribution



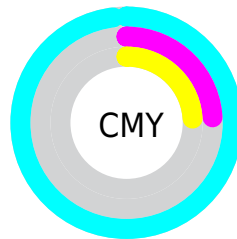
- Red (2%)
- Green (76%)
- Blue (76%)



- Red (2%)
- Yellow (39%)
- Blue (76%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1045, 42.5173, 57.7116 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 29.1045, 42.5173, 57.7116 by changing the saturation by 10% instead.

■ 29.1045, 42.5173,
57.7116

■ 29.1045, 42.5173,
57.7116

289.6930,
356.6229, 433.6786

■ 19.3046, 29.5066,
41.1637

■ 57.6395, 78.9819,
103.0134

■ 11.9959, 19.4644,
28.1263

■ 77.1052, 103.2046,
132.6043

■ 6.8130, 12.0063,
18.1810

■ 100.5237,
131.9334, 167.3800

■ 3.3907, 6.7480,
10.9093

■ 128.2601,
165.5527, 207.7590

■ 1.3636, 3.3050,
5.8924

■ 160.6799,
204.4469, 254.1598

■ 0.2301, 1.2930,
2.7121

198.1484,

■ 0.0000, 0.1357,

249.0004, 307.0010

0.9495

241.0310,
299.5976, 366.7011

■ 0.0000, 0.0000,
0.0000

■ 29.1045, 42.5173,
57.7116

■ 29.1045, 42.5173,
57.7116

■ 29.0301, 42.4799,
57.7091

■ 29.4421, 42.6922,
57.7285

■ 30.1055, 43.0343,
57.7596

■ 31.1605, 43.5781,
57.8090

■ 32.6547, 44.3484,
57.8791

■ 34.6289, 45.3661,
57.9715

■ 37.1195, 46.6501,
58.0882

■ 40.1591, 48.2171,
58.2305

■ 43.7778, 50.0826,
58.4000

■ 48.0035, 52.2610,
58.5978

Harmonies

Analogous

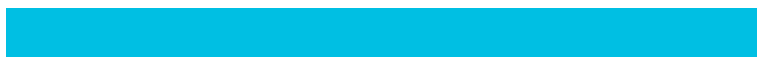
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.9717, 42.5173, 38.0221



29.1045, 42.5173, 57.7116



32.0356, 42.5173, 79.1146

Triad

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



29.1045, 42.5173, 57.7116



50.6569, 42.5173, 77.2778



43.5701, 42.5173, 18.5701

Complementary

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



29.1045, 42.5173, 57.7116



22.3475, 11.6141, 1.2375

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.



50.1330, 42.5173, 24.0980



29.1045, 42.5173, 57.7116



54.5243, 42.5173, 55.6865

Square

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



29.1045, 42.5173, 57.7116



44.2229, 42.5173, 92.4041



54.3225, 42.5173, 36.4915



36.8255, 42.5173, 18.8291

Rectangle

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



29.1045, 42.5173, 57.7116



35.3914, 42.5173, 89.8729



54.3225, 42.5173, 36.4915



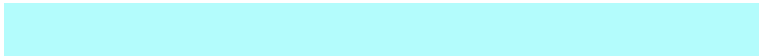
45.8850, 42.5173, 19.7277

Sweetspot

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



29.1058, 42.5189, 57.7126



71.2397, 86.5729, 105.4248



19.4404, 38.6572, 6.6105



15.0738, 18.6869, 23.0623



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.



29.1058, 42.5189, 57.7126



52.5937, 76.9605, 104.5511



14.6793, 13.6657, 52.9046



10.3686, 11.4285, 12.9442



19.0859, 27.9284, 37.9409



0.8246, 1.2067, 1.6393

Inverse Universe

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



22.3475, 11.6141, 1.2375



40.3081, 20.7796, 1.8864



26.5465, 20.0121, 2.6371



10.0732, 10.0779, 10.4762



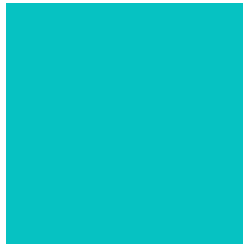
14.6275, 7.5408, 0.6846



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 29.1045, 42.5173, 57.7116 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 29.1045, 42.5173, 57.7116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

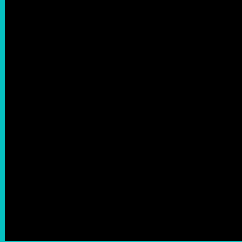
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

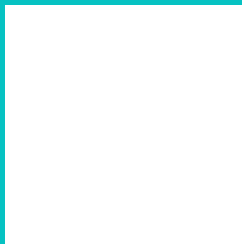
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1045, 42.5173, 57.7116

Background



This preview shows how black text looks on a background with the XYZ color 29.1045, 42.5173, 57.7116.

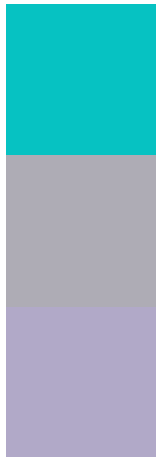


This preview shows how white text looks on a background with the XYZ color 29.1045, 42.5173,

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

29.1045, 42.5173, 57.7116

Protanopia

40.5486, 41.8399, 49.6548

Deuteranopia

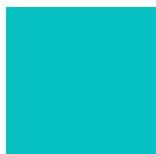
42.7448, 41.8932, 60.4769



Tritanopia

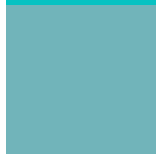
30.9279, 42.6107, 66.2691

Trichromacy



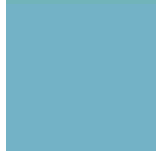
Original Color

29.1045, 42.5173, 57.7116



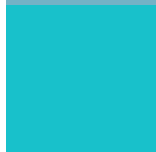
Protanomaly

31.9942, 39.6984, 52.4307



Deuteranomaly

33.1837, 39.5628, 59.3135



Tritanomaly

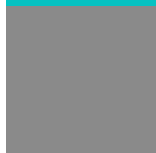
30.2261, 42.6459, 63.1383

Monochromacy



Original Color

29.1045, 42.5173, 57.7116



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

22.6149, 29.0960, 36.7719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1045, 42.5173, 57.7116 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(6, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(6, 194, 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(6, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 29.1045, 42.5173, 57.7116 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(6, 194, 194) }
```


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

```
.border{ border-color:rgb(6, 194, 194) }
```

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

Here you see how a box with a 4 pixel rgb(6, 194, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(6, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1045, 42.5173, 57.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 194, 194) }
```

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

```
.background{ background-color: rgb(6, 194,  
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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