

Converting Colors

XYZ(29.6338, 45.2856, 52.5379)

Have a look what the booklet for
XYZ(29.6338, 45.2856, 52.5379)
contains.

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Color

**XYZ(29.6260, 45.2792,
52.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	07C9B8
RGB	7, 201, 184
RGB Percent	3%, 79%, 72%
CMY	0.9724, 0.2118, 0.2784
CMYK	0.97, 0.00, 0.08, 0.21
HSL	175°, 93%, 41%
HSV	175°, 97%, 79%
XYZ	29.6260, 45.2792, 52.5257
YIQ	141.0560, -110.1670, -46.4150

Conversions

Conversions Part 2

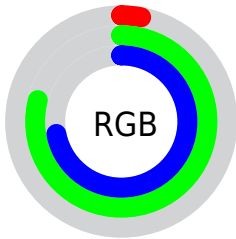
Format	Color
RYB	7, 108, 201
Decimal	510392
CIELab	73.08, -44.93, -3.28
CIELCh	73, 45.053, 184.172
Yxy	45.2792, 0.2325, 0.3553
Android (android.graphics.Color)	4278700472 (0xFF07C9B8)
YUV	141.0560, 21.1714, -117.5671
Hunter-Lab	67.2898, -39.1682, 0.8217

Details

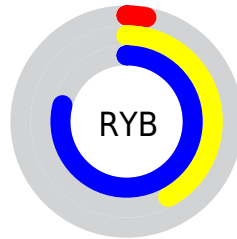
The XYZ color **29.6260, 45.2792, 52.5257** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **24.3298, 12.6368, 2.0229**, and the grayscale version is **25.2945, 26.6118, 28.9803**.

A 20% lighter version of the original color is **57.3139, 80.8145, 95.0161**, and **14.3756, 22.1965, 24.9994** is the 20% darker color. If you saturate the color by 10%, you get **29.4748, 45.2097, 52.1829**, and if you desaturate by 10%, it is **30.1807, 45.5447, 53.5229**.

Distribution



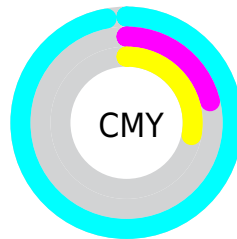
- Red (3%)
- Green (79%)
- Blue (72%)



- Red (3%)
- Yellow (42%)
- Blue (79%)



- Cyan (97%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (97%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6260, 45.2792, 52.5257 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 29.6260, 45.2792, 52.5257 by changing the saturation by 10% instead.

■ 29.6260, 45.2792,
52.5257

■ 29.6260, 45.2792,
52.5257

292.0985,
367.9032, 413.4773

■ 19.7015, 31.6774,
37.0391

■ 58.4609, 83.1392,
95.3405

■ 12.2853, 21.1152,
24.9418

■ 78.1021, 108.1662,
123.5059

■ 7.0119, 13.2082,
15.8151

■ 101.7129,
137.7704, 156.7346

■ 3.5159, 7.5721,
9.2404

■ 129.6586,
172.3362, 195.4452

■ 1.4321, 3.8224,
4.7994

■ 162.3047,
212.2480, 240.0562

■ 0.2789, 1.5747,
2.0734

200.0165,

■ 0.0000, 0.3405,

257.8901, 290.9862

0.5999

243.1593,
309.6471, 348.6538

■ 0.0000, 0.0000,
0.0000

■ 29.6260, 45.2792,
52.5257

■ 29.6260, 45.2792,
52.5257

■ 29.4748, 45.2097,
52.1829

■ 30.1807, 45.5447,
53.5229

■ 31.0965, 45.9951,
54.5480

■ 32.4417, 46.6665,
55.6053

■ 34.2680, 47.5858,
56.6972

■ 36.6200, 48.7757,
57.8260

■ 39.5369, 50.2566,
58.9933

■ 43.0545, 52.0469,
60.2011

■ 47.2053, 54.1634,
61.4508

■ 52.0197, 56.6217,
62.7439

Harmonies

Analogous

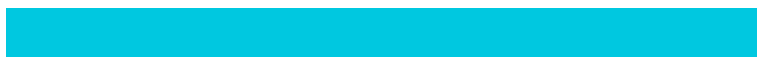
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.7895, 45.2792, 32.7112



29.6260, 45.2792, 52.5257



31.6796, 45.2792, 77.9078

Triad

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



29.6260, 45.2792, 52.5257



52.1191, 45.2792, 94.6167



49.9801, 45.2792, 19.6518

Complementary

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



29.6260, 45.2792, 52.5257



24.3298, 12.6368, 2.0229

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.



56.8272, 45.2792, 28.7260



29.6260, 45.2792, 52.5257



58.1641, 45.2792, 70.7234

Square

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



29.6260, 45.2792, 52.5257



44.1481, 45.2792, 106.4705



59.9837, 45.2792, 46.2117



41.9437, 45.2792, 17.4540

Rectangle

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



29.6260, 45.2792, 52.5257



34.7636, 45.2792, 93.5102



59.9837, 45.2792, 46.2117



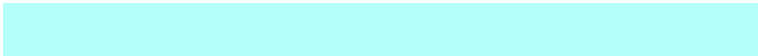
52.5277, 45.2792, 21.8266

Sweetspot

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



29.6273, 45.2809, 52.5268



71.8516, 88.1593, 102.4585



21.3630, 42.0155, 7.1859



14.8225, 18.5864, 21.7389



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.



29.6273, 45.2809, 52.5268



50.4178, 77.3831, 89.1072



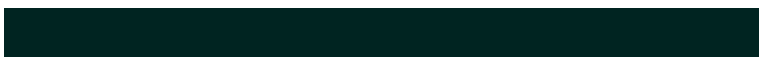
17.7657, 18.5319, 57.9010



10.9051, 12.0509, 13.4503



18.5492, 28.4320, 32.9002



0.8904, 1.3511, 1.6214

Inverse Universe

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



24.3298, 12.6368, 2.0229



41.3882, 21.3193, 2.7106



27.3456, 18.8710, 2.4032



10.6710, 10.6518, 11.2507



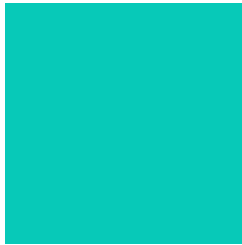
15.2266, 7.8402, 1.1372



0.7343, 0.3765, 0.1238

Previews

White Background



This preview shows how the XYZ color 29.6260, 45.2792, 52.5257 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 29.6260, 45.2792, 52.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

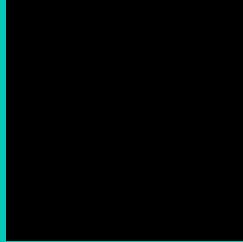
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

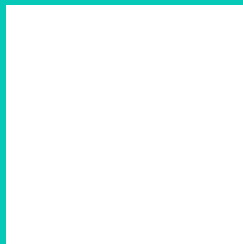
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6260, 45.2792, 52.5257

Background



This preview shows how black text looks on a background with the XYZ color 29.6260, 45.2792, 52.5257.

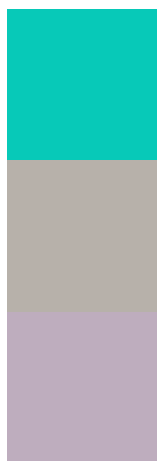


This preview shows how white text looks on a background with the XYZ color 29.6260, 45.2792,

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

29.6260, 45.2792, 52.5257

Protanopia

42.5063, 44.4138, 44.3626

Deuteranopia

45.4730, 44.5520, 54.9179



Tritanopia

33.2919, 45.4147, 69.9620

Trichromacy



Original Color

29.6260, 45.2792, 52.5257



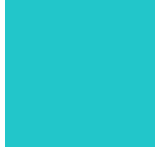
Protanomaly

32.9045, 42.1349, 46.9560



Deuteranomaly

34.1790, 41.7088, 53.8261



Tritanomaly

31.5144, 44.9925, 62.9006

Monochromacy



Original Color

29.6260, 45.2792, 52.5257



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

23.5966, 30.9040, 36.6197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6260, 45.2792, 52.5257 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(7, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(7, 201, 184)  
}
```

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(7, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 201, 184) }
```

Border

The CSS property to change the border of an element to XYZ 29.6260, 45.2792, 52.5257 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(7, 201, 184) }
```


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

```
.border{ border-color:rgb(7, 201, 184) }
```

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

Here you see how a box with a 4 pixel rgb(7, 201, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 201, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 201, 184);  
box-shadow:4px 4px 4px 4px rgb(7, 201,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6260, 45.2792, 52.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 201, 184) }
```

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

```
.background{ background-color: rgb(7, 201,  
184) }
```

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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