

Converting Colors

XYZ(20.8017, 37.3941, 60.6969)

Have a look what the booklet for
XYZ(20.8017, 37.3941, 60.6969)
contains.

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Color

**XYZ(29.2750, 41.8694,
61.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0C8
RGB	0, 192, 200
RGB Percent	0%, 75%, 78%
CMY	0.9998, 0.2470, 0.2157
CMYK	1.00, 0.04, 0.00, 0.22
HSL	182°, 100%, 39%
HSV	182°, 100%, 78%
XYZ	29.2750, 41.8694, 61.1822
YIQ	135.5040, -117.0000, -38.2160

Conversions

Conversions Part 2

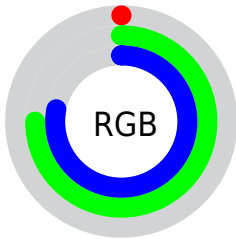
Format	Color
RYB	0, 98, 200
Decimal	49352
CIELab	70.78, -36.39, -15.42
CIELCh	71, 39.518, 202.961
Yxy	41.8694, 0.2212, 0.3164
Android (android.graphics.Color)	4278239432 (0xFF00C0C8)
YUV	135.5040, 31.7965, -118.8370
Hunter-Lab	64.7066, -32.4783, -10.7661

Details

The XYZ color **29.2750, 41.8694, 61.1822** 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 **23.9074, 12.4543, 1.1453**, and the grayscale version is **23.1389, 24.3439, 26.5105**.

A 20% lighter version of the original color is **57.6346, 77.9144, 106.6091**, and **14.2768, 20.2523, 30.3507** is the 20% darker color. If you saturate the color by 10%, you get **29.2753, 41.8698, 61.1830**, and if you desaturate by 10%, it is **29.7413, 42.3722, 61.2555**.

Distribution



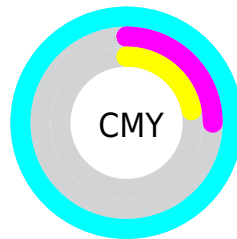
- Red (0%)
- Green (75%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2750, 41.8694, 61.1822 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 29.2750, 41.8694, 61.1822 by changing the saturation by 10% instead.

■ 29.2750, 41.8694,
61.1822

■ 29.2750, 41.8694,
61.1822

290.4811,
353.9413, 446.8668

■ 19.4343, 28.9990,
43.9407

■ 57.9083, 78.0019,
108.1028

■ 12.0904, 19.0801,
30.2871

■ 77.4315, 102.0329,
138.6190

■ 6.8779, 11.7282,
19.8027

■ 100.9130,
130.5528, 174.3972

■ 3.4315, 6.5589,
12.0690

■ 128.7180,
163.9462, 215.8559

■ 1.3858, 3.1878,
6.6676

■ 161.2120,
202.5973, 263.4137

■ 0.2461, 1.2305,
3.1798

198.7603,

■ 0.0000, 0.0864,

246.8906, 317.4890

1.1872

241.7282,
297.2104, 378.5006

■ 0.0000, 0.0000,
0.0000

■ 29.2750, 41.8694,
61.1822

■ 29.2750, 41.8694,
61.1822

■ 29.2753, 41.8698,
61.1830

■ 29.7413, 42.3722,
61.2555

■ 30.5059, 43.0293,
61.3420

■ 31.6735, 43.8955,
61.4477

■ 33.2985, 44.9990,
61.5750

■ 35.4270, 46.3635,
61.7262

■ 38.0996, 48.0099,
61.9031

■ 41.3525, 49.9569,
62.1075

■ 45.2190, 52.2216,
62.3408

■ 49.7297, 54.8199,
62.6046

Harmonies

Analogous

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



28.5443, 41.8694, 41.3037



29.2750, 41.8694, 61.1822



32.6713, 41.8694, 80.9292

Triad

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



29.2750, 41.8694, 61.1822



50.7366, 41.8694, 70.9929



41.3614, 41.8694, 18.3145

Complementary

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



29.2750, 41.8694, 61.1822



23.9074, 12.4543, 1.1453

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.



47.8869, 41.8694, 22.4063



29.2750, 41.8694, 61.1822



53.6720, 41.8694, 50.1601

Square

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



29.2750, 41.8694, 61.1822



44.9216, 41.8694, 87.5942



52.5757, 41.8694, 32.8990



35.0752, 41.8694, 19.7609

Rectangle

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



29.2750, 41.8694, 61.1822



36.2129, 41.8694, 89.5818



52.5757, 41.8694, 32.8990



43.6071, 41.8694, 19.0389

Sweetspot

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



29.2763, 41.8709, 61.1832



71.3165, 86.3272, 107.5118



20.6920, 41.3242, 7.0786



14.7264, 18.1572, 22.9785



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.



29.2763, 41.8709, 61.1832



50.6417, 72.4035, 105.9139



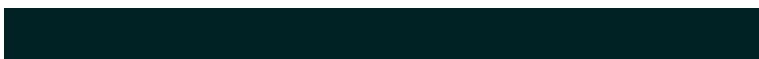
14.3721, 12.0625, 56.2151



10.9090, 11.9920, 13.6572



18.6303, 26.6545, 38.9073



0.8937, 1.2852, 1.8461

Inverse Universe

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



33.3350, 16.0865, 51.2188



57.6908, 27.8403, 88.5588



29.0455, 22.7305, 2.8580



11.0641, 10.8090, 13.3207



21.2030, 10.2308, 32.6087



1.0098, 0.4868, 1.5748

Previews

White Background



This preview shows how the XYZ color 29.2750, 41.8694, 61.1822 looks on a white background.

Color Contrast Check

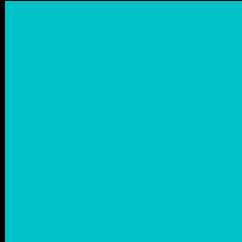
Large Text (above 18pt) WCAG AA × Fail

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 29.2750, 41.8694, 61.1822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

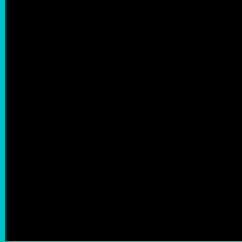
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

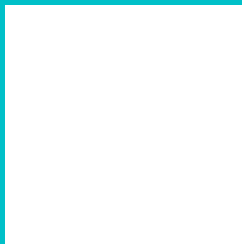
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2750, 41.8694, 61.1822

Background



This preview shows how black text looks on a background with the XYZ color 29.2750, 41.8694, 61.1822.



This preview shows how white text looks on a background with the XYZ color 29.2750, 41.8694,

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

29.2750, 41.8694, 61.1822

Protanopia

40.2204, 41.3289, 52.3118

Deuteranopia

42.0353, 41.1837, 63.4914



Tritanopia

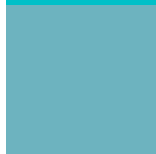
30.2942, 41.9733, 65.5365

Trichromacy



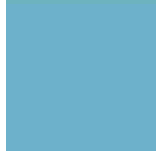
Original Color

29.2750, 41.8694, 61.1822



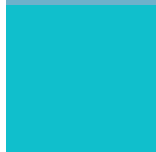
Protanomaly

31.8307, 39.2530, 55.1891



Deuteranomaly

32.8083, 39.0073, 62.2999



Tritanomaly

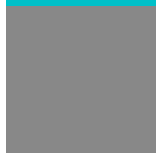
29.7436, 41.7314, 63.6141

Monochromacy



Original Color

29.2750, 41.8694, 61.1822



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

22.0770, 28.3064, 37.1010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2750, 41.8694, 61.1822 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, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 200)  
}
```

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, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 29.2750, 41.8694, 61.1822 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, 192, 200) }
```


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

```
.border{ border-color:rgb(0, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2750, 41.8694, 61.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 200) }
```

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

```
.background{ background-color: rgb(0, 192,  
200) }
```

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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