

Converting Colors

XYZ(29.4999, 40.5565, 57.3540)

Have a look what the booklet for
XYZ(29.4999, 40.5565, 57.3540)
contains.

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Color

**XYZ(29.4324, 40.4278,
57.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	3DBBC2
RGB	61, 187, 194
RGB Percent	24%, 73%, 76%
CMY	0.7608, 0.2667, 0.2392
CMYK	0.69, 0.04, 0.00, 0.24
HSL	183°, 52%, 50%
HSV	183°, 69%, 76%
XYZ	29.4324, 40.4278, 57.2910
YIQ	150.1240, -77.3430, -24.5350

Conversions

Conversions Part 2

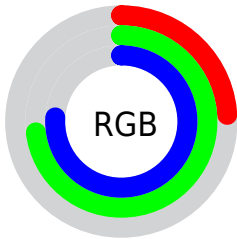
Format	Color
RYB	61, 126, 194
Decimal	4045762
CIELab	69.77, -31.44, -13.58
CIELCh	70, 34.247, 203.358
Yxy	40.4278, 0.2315, 0.3180
Android (android.graphics.Color)	4282235842 (0xFF3DBBC2)
YUV	150.1240, 21.6309, -78.1617
Hunter-Lab	63.5829, -28.6427, -8.9149

Details

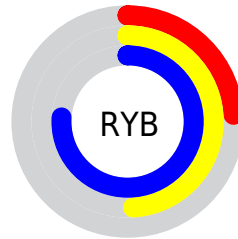
The XYZ color **29.4324, 40.4278, 57.2910** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **25.1585, 15.9415, 6.1671**, and the grayscale version is **28.9781, 30.4872, 33.2006**.

A 20% lighter version of the original color is **58.2102, 76.0391, 102.0515**, and **13.1212, 18.6685, 27.7228** is the 20% darker color. If you saturate the color by 10%, you get **28.2317, 39.4893, 57.1739**, and if you desaturate by 10%, it is **31.0689, 41.5950, 57.4308**.

Distribution



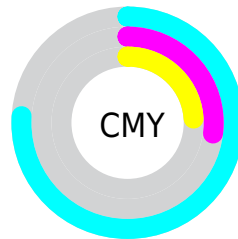
- Red (24%)
- Green (73%)
- Blue (76%)



- Red (24%)
- Yellow (49%)
- Blue (76%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4324, 40.4278, 57.2910 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 29.4324, 40.4278, 57.2910 by changing the saturation by 10% instead.

■ 29.4324, 40.4278,
57.2910

■ 29.4324, 40.4278,
57.2910

291.2072,
347.9234, 432.0631

■ 19.5541, 27.8723,
40.8280

■ 58.1562, 75.8145,
102.3942

■ 12.1777, 18.2294,
27.8660

■ 77.7324, 99.4145,
131.8715

■ 6.9379, 11.1148,
17.9865

■ 101.2719,
127.4647, 166.5240

■ 3.4693, 6.1441,
10.7710

■ 129.1402,
160.3495, 206.7702

■ 1.4065, 2.9329,
5.8008

■ 161.7025,
198.4534, 253.0287

■ 0.2609, 1.0968,
2.6575

199.3242,

■ 0.0000, 0.0000,

242.1608, 305.7180

0.9219

242.3707,
291.8560, 365.2566

■ 0.0000, 0.0000,
0.0000

■ 29.4324, 40.4278,
57.2910

■ 29.4324, 40.4278,
57.2910

■ 28.2317, 39.4893,
57.1739

■ 31.0689, 41.5950,
57.4308

■ 27.4140, 38.7497,
57.0742

■ 33.1793, 43.0079,
57.5923

■ 26.9010, 38.1694,
56.9892

■ 35.8018, 44.6871,
57.7782

■ 26.8352, 38.0899,
56.9774

■ 38.9696, 46.6497,
57.9900

■ 42.7132, 48.9115,
58.2293

■ 47.0608, 51.4869,
58.4972

■ 52.0387, 54.3896,
58.7952

■ 57.6717, 57.6323,
59.1242

■ 63.9832, 61.2271,
59.4854

Harmonies

Analogous

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



28.7649, 40.4278, 40.5756



29.4324, 40.4278, 57.2910



32.3984, 40.4278, 73.3987

Triad

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



29.4324, 40.4278, 57.2910



47.6459, 40.4278, 64.9091



39.6738, 40.4278, 20.0943

Complementary

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



29.4324, 40.4278, 57.2910



25.1585, 15.9415, 6.1671

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.



45.1571, 40.4278, 23.7582



29.4324, 40.4278, 57.2910



50.0377, 40.4278, 47.6519

Square

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



29.4324, 40.4278, 57.2910



42.8164, 40.4278, 78.4858



49.0857, 40.4278, 32.9734



34.3454, 40.4278, 21.4896

Rectangle

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



29.4324, 40.4278, 57.2910



35.4477, 40.4278, 80.3013



49.0857, 40.4278, 32.9734



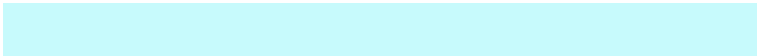
41.5654, 40.4278, 20.7389

Sweetspot

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



29.4336, 40.4293, 57.2920



75.3912, 87.4189, 105.3698



22.2500, 39.9897, 11.9603



16.0861, 18.8883, 23.0479



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.



29.4336, 40.4293, 57.2920



50.3642, 70.8655, 103.4937



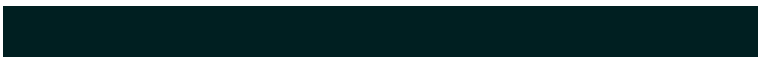
18.4825, 18.5270, 53.6416



10.3217, 11.3347, 12.9286



17.6623, 25.0811, 37.4669



0.7773, 1.1119, 1.6235

Inverse Universe

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



32.8876, 18.3958, 48.8327



57.2239, 29.0744, 86.2517



31.6374, 28.8994, 8.3267



10.4737, 10.2381, 12.5849



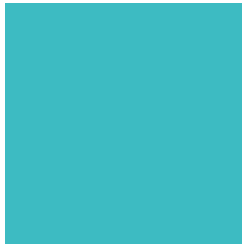
20.3111, 9.8142, 30.6139



0.8847, 0.4269, 1.3603

Previews

White Background



This preview shows how the XYZ color 29.4324, 40.4278, 57.2910 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 29.4324, 40.4278, 57.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

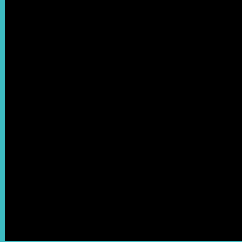
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4324, 40.4278, 57.2910

Background



This preview shows how black text looks on a background with the XYZ color 29.4324, 40.4278, 57.2910.

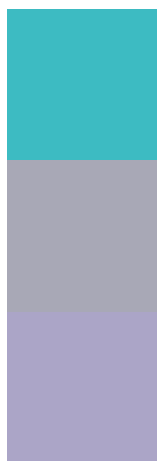


This preview shows how white text looks on a background with the XYZ color 29.4324, 40.4278,

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

29.4324, 40.4278, 57.2910

Protanopia

38.5946, 39.7075, 49.8861

Deuteranopia

40.5585, 39.6917, 59.5564



Tritanopia

30.2815, 40.4587, 61.4716

Trichromacy



Original Color

29.4324, 40.4278, 57.2910



Protanomaly

33.2462, 38.8722, 52.2052



Deuteranomaly

34.3817, 38.7437, 58.4895



Tritanomaly

29.8663, 40.2850, 59.6277

Monochromacy



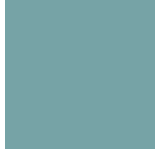
Original Color

29.4324, 40.4278, 57.2910



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

27.4513, 32.7991, 40.9604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4324, 40.4278, 57.2910 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(61, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(61, 187, 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(61, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 187, 194) }
```

Border

The CSS property to change the border of an element to XYZ 29.4324, 40.4278, 57.2910 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(61, 187, 194) }
```


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

```
.border{ border-color:rgb(61, 187, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(61, 187,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4324, 40.4278, 57.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 187, 194) }
```

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

```
.background{ background-color: rgb(61, 187,  
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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