

Converting Colors

XYZ(29.2323, 41.6658, 54.6457)

Have a look what the booklet for
XYZ(29.2323, 41.6658, 54.6457)
contains.

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Color

**XYZ(29.2323, 41.6658,
54.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	34BFBD
RGB	52, 191, 189
RGB Percent	20%, 75%, 74%
CMY	0.7960, 0.2510, 0.2588
CMYK	0.73, 0.00, 0.01, 0.25
HSL	179°, 57%, 48%
HSV	179°, 73%, 75%
XYZ	29.2323, 41.6658, 54.6457
YIQ	149.2110, -82.2020, -30.0900

Conversions

Conversions Part 2

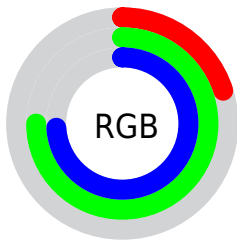
Format	Color
RYB	52, 122, 191
Decimal	3456957
CIELab	70.64, -35.94, -9.56
CIElCh	71, 37.194, 194.893
Yxy	41.6658, 0.2328, 0.3319
Android (android.graphics.Color)	4281647037 (0xFF34BFBD)
YUV	149.2110, 19.6160, -85.2540
Hunter-Lab	64.5491, -32.1236, -5.0092

Details

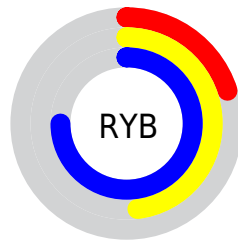
The XYZ color **29.2323, 41.6658, 54.6457** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **23.3811, 13.8000, 4.9228**, and the grayscale version is **28.6023, 30.0919, 32.7701**.

A 20% lighter version of the original color is **57.7946, 77.7204, 98.3417**, and **13.3896, 19.6689, 26.3833** is the 20% darker color. If you saturate the color by 10%, you get **28.4113, 41.2470, 54.4525**, and if you desaturate by 10%, it is **30.4534, 42.2928, 54.8598**.

Distribution



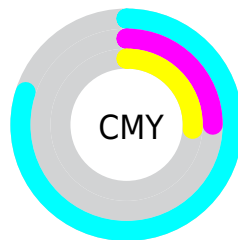
- Red (20%)
- Green (75%)
- Blue (74%)



- Red (20%)
- Yellow (48%)
- Blue (75%)



- Cyan (73%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)





- Cyan (80%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2323, 41.6658, 54.6457 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 29.2323, 41.6658, 54.6457 by changing the saturation by 10% instead.


 29.2323, 41.6658,
54.6457


 29.2323, 41.6658,
54.6457


290.2839,
353.0957, 421.8115


 19.4018, 28.8397,
38.7214


 57.8410, 77.6936,
98.4876


 12.0667, 18.9596,
26.2369


 77.3498, 101.6640,
127.2423

 6.8616, 11.6411,
16.7736

 100.8155,
130.1181, 161.1109

 3.4213, 6.4998,
9.9130

 128.6034,
163.4401, 200.5120

 1.3803, 3.1513,
5.2364

 161.0788,
202.0144, 245.8641

 0.2421, 1.2112,
2.3255

198.6072,

 0.0000, 0.0708,

246.2256, 297.5856

0.7454

241.5537,
296.4578, 356.0953

■ 0.0000, 0.0000,
0.0000

■ 29.2323, 41.6658,
54.6457

■ 29.2323, 41.6658,
54.6457

■ 28.4113, 41.2470,
54.4525

■ 30.4534, 42.2928,
54.8598

■ 27.9354, 41.0050,
54.2748

■ 32.1137, 43.1452,
55.0938

■ 27.7358, 40.9046,
54.1533

■ 34.2517, 44.2439,
55.3505

■ 36.9008, 45.6061,
55.6314

■ 40.0914, 47.2475,
55.9379

■ 43.8515, 49.1824,
56.2714

■ 48.2070, 51.4243,
56.6330

■ 53.1826, 53.9858,
57.0240

■ 58.8012, 56.8788,
57.4453

Harmonies

Analogous

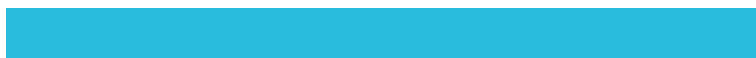
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.2417, 41.6658, 37.0957



29.2323, 41.6658, 54.6457



31.7971, 41.6658, 73.7335

Triad

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



29.2323, 41.6658, 54.6457



48.5541, 41.6658, 73.8576



42.7667, 41.6658, 19.8848

Complementary

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



29.2323, 41.6658, 54.6457



23.3811, 13.8000, 4.9228

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.



48.5900, 41.6658, 25.4065



29.2323, 41.6658, 54.6457



52.1594, 41.6658, 54.7845

Square

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



29.2323, 41.6658, 54.6457



42.7217, 41.6658, 86.6286



52.1731, 41.6658, 37.2029



36.6382, 41.6658, 19.8659

Rectangle

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



29.2323, 41.6658, 54.6457



34.7906, 41.6658, 83.4912



52.1731, 41.6658, 37.2029



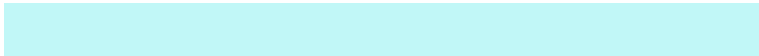
44.8380, 41.6658, 21.0798

Sweetspot

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



29.2336, 41.6674, 54.6467



72.0648, 84.7531, 100.2060



20.7904, 38.3042, 9.5476



15.4560, 18.4213, 21.9701



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2336, 41.6674, 54.6467



50.3357, 73.5923, 97.3397



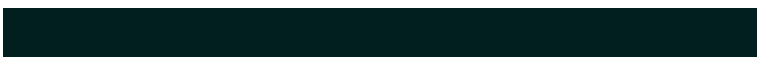
18.0064, 18.8630, 51.9838



9.8025, 10.8071, 12.2095



18.2297, 26.8822, 35.6020



0.7160, 1.0538, 1.4047

Inverse Universe

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



23.3811, 13.8000, 4.9228



39.3092, 21.0021, 3.5920



28.7261, 24.5636, 6.4772



9.5356, 9.5385, 9.9435



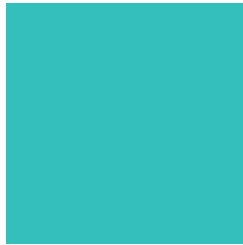
14.1327, 7.2842, 0.7265



0.5555, 0.2861, 0.0386

Previews

White Background



This preview shows how the XYZ color 29.2323, 41.6658, 54.6457 looks on a white background.

Color Contrast Check

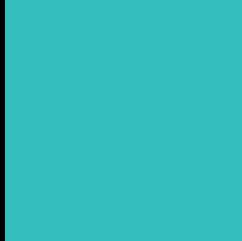
Large Text (above 18pt) WCAG AA × Fail

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 29.2323, 41.6658, 54.6457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

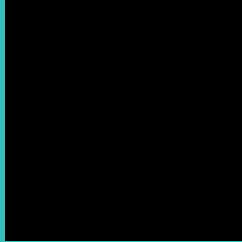
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

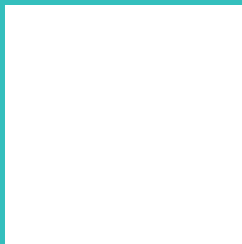
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2323, 41.6658, 54.6457

Background



This preview shows how black text looks on a background with the XYZ color 29.2323, 41.6658, 54.6457.

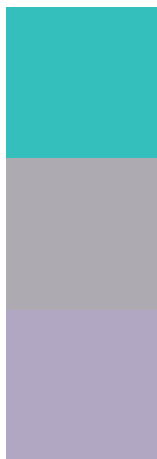


This preview shows how white text looks on a background with the XYZ color 29.2323, 41.6658,

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

29.2323, 41.6658, 54.6457

Protanopia

39.7323, 41.1844, 47.4502

Deuteranopia

41.6878, 40.8796, 56.7323



Tritanopia

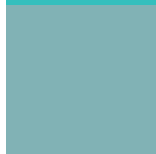
31.0833, 41.7790, 63.5526

Trichromacy



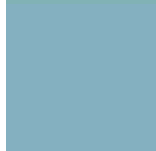
Original Color

29.2323, 41.6658, 54.6457



Protanomaly

33.3141, 39.8441, 49.6509



Deuteranomaly

34.5555, 39.7620, 55.7227



Tritanomaly

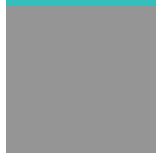
30.4672, 41.8500, 60.5049

Monochromacy



Original Color

29.2323, 41.6658, 54.6457



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.9157, 32.8087, 40.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2323, 41.6658, 54.6457 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(52, 191, 189)` looks like.

```
.text, #text, p{  
    color:rgb(52, 191, 189)  
}
```

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(52, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 191, 189) }
```

Border

The CSS property to change the border of an element to XYZ 29.2323, 41.6658, 54.6457 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(52, 191, 189) }
```


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

```
.border{ border-color:rgb(52, 191, 189) }
```

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

Here you see how a box with a 4 pixel rgb(52, 191, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(52, 191,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2323, 41.6658, 54.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 191, 189) }
```

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

```
.background{ background-color: rgb(52, 191,  
189) }
```

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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