

Converting Colors

XYZ(29.2506, 43.3206, 55.1053)

Have a look what the booklet for
XYZ(29.2506, 43.3206, 55.1053)
contains.

XYZ(29.2137, 43.3027, 54.9626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2137, 43.3027,
54.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	14C4BD
RGB	20, 196, 189
RGB Percent	8%, 77%, 74%
CMY	0.9215, 0.2314, 0.2588
CMYK	0.90, 0.00, 0.04, 0.23
HSL	178°, 81%, 42%
HSV	178°, 90%, 77%
XYZ	29.2137, 43.3027, 54.9626
YIQ	142.5780, -102.6490, -39.4890

Conversions

Conversions Part 2

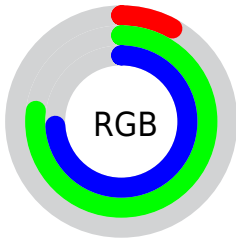
Format	Color
RYB	20, 110, 196
Decimal	1361085
CIELab	71.76, -40.84, -7.93
CIELCh	72, 41.607, 190.994
Yxy	43.3027, 0.2292, 0.3397
Android (android.graphics.Color)	4279551165 (0xFF14C4BD)
YUV	142.5780, 22.8860, -107.5009
Hunter-Lab	65.8048, -35.9142, -3.4579

Details

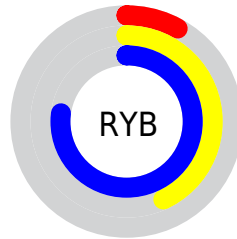
The XYZ color **29.2137, 43.3027, 54.9626** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **23.2144, 12.3165, 2.1922**, and the grayscale version is **25.8846, 27.2327, 29.6564**.

A 20% lighter version of the original color is **57.6701, 79.9689, 98.7822**, and **13.9688, 20.8273, 26.5764** is the 20% darker color. If you saturate the color by 10%, you get **28.8469, 43.1243, 54.5057**, and if you desaturate by 10%, it is **29.8714, 43.6329, 55.4375**.

Distribution



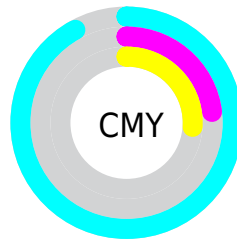
- Red (8%)
- Green (77%)
- Blue (74%)



- Red (8%)
- Yellow (43%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (92%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2137, 43.3027, 54.9626 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 29.2137, 43.3027, 54.9626 by changing the saturation by 10% instead.


 29.2137, 43.3027,
54.9626


 29.2137, 43.3027,
54.9626


290.1980,
359.8551, 423.0481


 19.3876, 30.1227,
38.9734


 57.8117, 80.1674,
98.9568


 12.0564, 19.9317,
26.4313


 77.3143, 104.6210,
127.7988


 6.8546, 12.3454,
16.9180


 100.7731,
133.6011, 161.7621

 3.4168, 6.9794,
10.0147

 128.5535,
167.4923, 201.2654

 1.3778, 3.4492,
5.3030

 161.0208,
206.6789, 246.7271

 0.2403, 1.3705,
2.3643

198.5404,

 0.0000, 0.1948,

251.5453, 298.5657

0.7669

241.4777,
302.4759, 357.1999

■ 0.0000, 0.0000,
0.0000

■ 29.2137, 43.3027,
54.9626

■ 29.2137, 43.3027,
54.9626

■ 28.8469, 43.1243,
54.5057

■ 29.8714, 43.6329,
55.4375

■ 28.8398, 43.1209,
54.4959

■ 30.9132, 44.1601,
55.9317

■ 32.3919, 44.9125,
56.4488

■ 34.3512, 45.9126,
56.9908

■ 36.8296, 47.1802,
57.5594

■ 39.8615, 48.7332,
58.1564

■ 43.4785, 50.5876,
58.7831

■ 47.7097, 52.7587,
59.4410

■ 52.5824, 55.2605,
60.1313

Harmonies

Analogous

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



29.6063, 43.3027, 35.5828



29.2137, 43.3027, 54.9626



31.7346, 43.3027, 77.5429

Triad

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



29.2137, 43.3027, 54.9626



50.7251, 43.3027, 83.0214



45.7412, 43.3027, 19.1068

Complementary

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



29.2137, 43.3027, 54.9626



23.2144, 12.3165, 2.1922

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.



52.2833, 43.3027, 25.9603



29.2137, 43.3027, 54.9626



55.3804, 43.3027, 60.9845

Square

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



29.2137, 43.3027, 54.9626



43.8026, 43.3027, 96.5647



55.9811, 43.3027, 40.1139



38.6219, 43.3027, 18.3469

Rectangle

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



29.2137, 43.3027, 54.9626



34.9174, 43.3027, 90.0024



55.9811, 43.3027, 40.1139



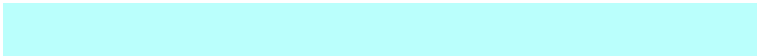
48.1009, 43.3027, 20.6575

Sweetspot

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



29.2150, 43.3043, 54.9636



73.6582, 89.0227, 105.6131



20.3687, 39.7904, 7.2696



15.3146, 18.8232, 22.5231



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.



29.2150, 43.3043, 54.9636



52.2192, 78.1037, 98.5930



16.5925, 16.8134, 54.5971



10.3507, 11.4213, 12.8499



18.5381, 27.7093, 35.0561



0.8065, 1.1994, 1.5435

Inverse Universe

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



23.2144, 12.3165, 2.1922



41.2956, 21.2822, 2.2227



27.3743, 20.7510, 3.2254



10.0891, 10.0842, 10.5596



14.6625, 7.5548, 0.8690



0.6392, 0.3287, 0.0676

Previews

White Background



This preview shows how the XYZ color 29.2137, 43.3027, 54.9626 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 29.2137, 43.3027, 54.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

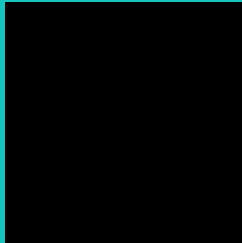
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

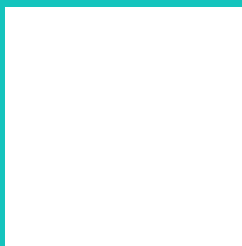
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2137, 43.3027, 54.9626

Background



This preview shows how black text looks on a background with the XYZ color 29.2137, 43.3027, 54.9626.

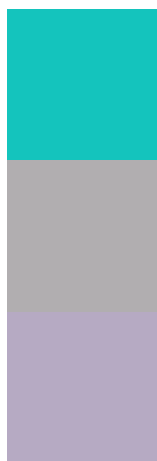


This preview shows how white text looks on a background with the XYZ color 29.2137, 43.3027,

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

29.2137, 43.3027, 54.9626

Protanopia

41.1040, 42.7538, 47.1602

Deuteranopia

43.5165, 42.6347, 57.5655



Tritanopia

31.6608, 43.3013, 67.0109

Trichromacy



Original Color

29.2137, 43.3027, 54.9626



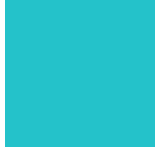
Protanomaly

32.8142, 40.7852, 49.8589



Deuteranomaly

33.9141, 40.3014, 56.4436



Tritanomaly

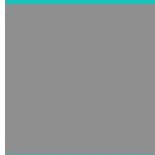
30.6800, 43.2229, 62.6030

Monochromacy



Original Color

29.2137, 43.3027, 54.9626



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

24.3025, 30.9754, 37.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2137, 43.3027, 54.9626 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(20, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(20, 196, 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(20, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 196, 189) }
```

Border

The CSS property to change the border of an element to XYZ 29.2137, 43.3027, 54.9626 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(20, 196, 189) }
```


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

```
.border{ border-color:rgb(20, 196, 189) }
```

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

Here you see how a box with a 4 pixel rgb(20, 196, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(20, 196,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2137, 43.3027, 54.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 196, 189) }
```

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

```
.background{ background-color: rgb(20, 196,  
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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