

Converting Colors

XYZ(29.5907, 42.3747, 51.8340)

Have a look what the booklet for
XYZ(29.5907, 42.3747, 51.8340)
contains.

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Color

**XYZ(29.5513, 42.2167,
51.9385)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3FC0B8 |
| RGB | 63, 192, 184 |
| RGB Percent | 25%, 75%, 72% |
| CMY | 0.7529, 0.2470, 0.2784 |
| CMYK | 0.67, 0.00, 0.04, 0.25 |
| HSL | 176°, 51%, 50% |
| HSV | 176°, 67%, 75% |
| XYZ | 29.5513, 42.2167, 51.9385 |
| YIQ | 152.5170, -74.3160, -29.8360 |

Conversions

Conversions Part 2

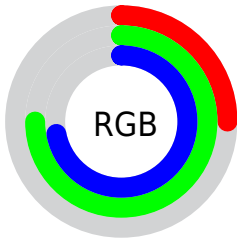
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 63, 130, 192 |
| Decimal | 4178104 |
| CIELab | 71.02, -36.36, -6.23 |
| CIElCh | 71, 36.890, 189.730 |
| Yxy | 42.2167, 0.2389, 0.3413 |
| Android (android.graphics.Color) | 4282368184 (0xFF3FC0B8) |
| YUV | 152.5170, 15.5211, -78.5064 |
| Hunter-Lab | 64.9744, -32.5207, -1.9125 |

Details

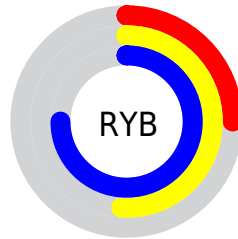
The XYZ color **29.5513, 42.2167, 51.9385** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **24.6545, 15.2178, 7.6007**, and the grayscale version is **30.0280, 31.5918, 34.4034**.

A 20% lighter version of the original color is **58.3563, 78.5547, 94.5249**, and **13.1852, 19.8157, 24.6026** is the 20% darker color. If you saturate the color by 10%, you get **28.4082, 41.6428, 51.2369**, and if you desaturate by 10%, it is **31.1254, 43.0146, 52.6676**.

Distribution



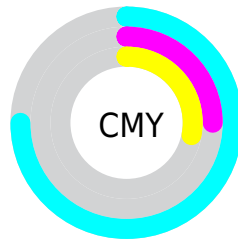
- Red (25%)
- Green (75%)
- Blue (72%)



- Red (25%)
- Yellow (51%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5513, 42.2167, 51.9385 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 29.5513, 42.2167, 51.9385 by changing the saturation by 10% instead.

■ 29.5513, 42.2167,
51.9385

■ 29.5513, 42.2167,
51.9385

291.7548,
355.3805, 411.1493

■ 19.6446, 29.2710,
36.5742

■ 58.3434, 78.5275,
94.4662

■ 12.2438, 19.2859,
24.5848

■ 77.9595, 102.6614,
122.4666

■ 6.9833, 11.8771,
15.5518

■ 101.5428,
131.2934, 155.5161

■ 3.4979, 6.6600,
9.0566

■ 129.4587,
164.8081, 194.0333

■ 1.4222, 3.2504,
4.6808

■ 162.0725,
203.5897, 238.4367

■ 0.2720, 1.2638,
2.0058

199.7495,

■ 0.0000, 0.1129,

248.0227, 289.1448

0.5588

242.8552,
298.4915, 346.5762

■ 0.0000, 0.0000,
0.0000

■ 29.5513, 42.2167,
51.9385

■ 29.5513, 42.2167,
51.9385

■ 28.4082, 41.6428,
51.2369

■ 31.1254, 43.0146,
52.6676

■ 27.6458, 41.2639,
50.5577

■ 33.1667, 44.0524,
53.4232

■ 27.1999, 41.0482,
49.8987

■ 35.7120, 45.3498,
54.2079

■ 27.0980, 40.9996,
49.7152

■ 38.7932, 46.9234,
55.0231

■ 42.4397, 48.7882,
55.8704

■ 46.6787, 50.9584,
56.7510

■ 51.5357, 53.4471,
57.6660

■ 57.0346, 56.2665,
58.6167

■ 63.1982, 59.4285,
59.6040

Harmonies

Analogous

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



30.0128, 42.2167, 35.1920



29.5513, 42.2167, 51.9385



31.6918, 42.2167, 71.2234

Triad

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



29.5513, 42.2167, 51.9385



48.1787, 42.2167, 77.2854



44.3688, 42.2167, 20.9321

Complementary

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



29.5513, 42.2167, 51.9385



24.6545, 15.2178, 7.6007

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.



49.9370, 42.2167, 27.5222



29.5513, 42.2167, 51.9385



52.2880, 42.2167, 58.7429

Square

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



29.5513, 42.2167, 51.9385



42.1600, 42.2167, 88.1391



52.9624, 42.2167, 40.4713



38.1579, 42.2167, 19.9923

Rectangle

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



29.5513, 42.2167, 51.9385



34.4487, 42.2167, 81.9095



52.9624, 42.2167, 40.4713



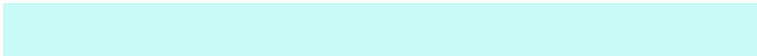
46.3944, 42.2167, 22.4613

Sweetspot

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



29.5525, 42.2183, 51.9395



74.7102, 87.2805, 100.7429



22.3910, 39.4222, 11.1329



15.6234, 18.5177, 21.5192



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.



29.5525, 42.2183, 51.9395



50.6855, 75.0595, 92.2010



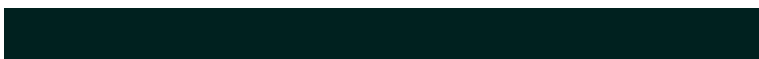
20.3841, 22.5009, 53.1396



10.3407, 11.4173, 12.7974



18.2441, 27.5917, 33.5083



0.7966, 1.1955, 1.4916

Inverse Universe

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



24.6545, 15.2178, 7.6007



41.2410, 22.7039, 6.4887



29.2220, 24.7370, 7.9384



10.0980, 10.0878, 10.6065



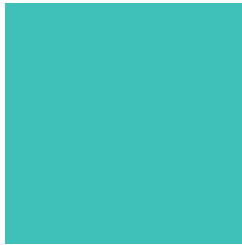
14.6821, 7.5626, 0.9721



0.6433, 0.3303, 0.0889

Previews

White Background



This preview shows how the XYZ color 29.5513, 42.2167, 51.9385 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 29.5513, 42.2167, 51.9385 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

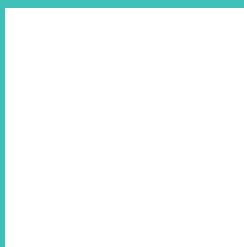
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5513, 42.2167, 51.9385

Background



This preview shows how black text looks on a background with the XYZ color 29.5513, 42.2167, 51.9385.

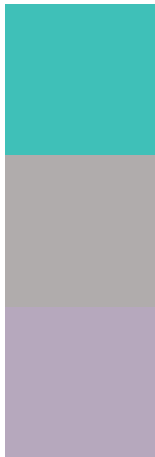


This preview shows how white text looks on a background with the XYZ color 29.5513, 42.2167,

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

29.5513, 42.2167, 51.9385

Protanopia

40.1034, 41.7137, 44.9676

Deuteranopia

42.4793, 41.6245, 53.9395



Tritanopia

31.8443, 42.1713, 63.5882

Trichromacy



Original Color

29.5513, 42.2167, 51.9385

Protanomaly

33.9482, 40.5257, 47.1073

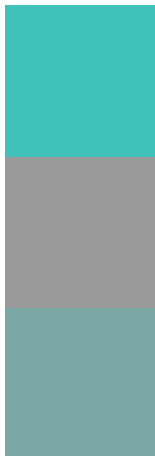
Deuteranomaly

35.3392, 40.5211, 52.9725

Tritanomaly

30.9457, 42.1233, 59.3229

Monochromacy



Original Color

29.5513, 42.2167, 51.9385

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.2653, 34.3108, 40.2549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5513, 42.2167, 51.9385 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(63, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(63, 192, 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(63, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 192, 184) }
```

Border

The CSS property to change the border of an element to XYZ 29.5513, 42.2167, 51.9385 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(63, 192, 184) }
```


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

```
.border{ border-color:rgb(63, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(63, 192,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5513, 42.2167, 51.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 192, 184) }
```

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

```
.background{ background-color: rgb(63, 192,  
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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