

Converting Colors

XYZ(33.2928, 48.5474, 54.0702)

Have a look what the booklet for
XYZ(33.2928, 48.5474, 54.0702)
contains.

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Color

**XYZ(33.2928, 48.5474,
54.0702)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 47CDBA |
| RGB | 71, 205, 186 |
| RGB Percent | 28%, 80%, 73% |
| CMY | 0.7215, 0.1961, 0.2706 |
| CMYK | 0.65, 0.00, 0.09, 0.20 |
| HSL | 171°, 57%, 54% |
| HSV | 171°, 65%, 80% |
| XYZ | 33.2928, 48.5474, 54.0702 |
| YIQ | 162.7680, -73.7650, -34.3170 |

Conversions

Conversions Part 2

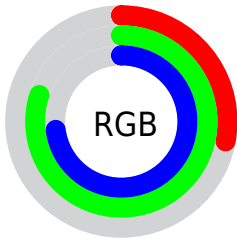
| Format | Color |
|-------------------------------------|---|
| RYB | 71, 143, 205 |
| Decimal | 4705722 |
| CIELab | 75.17, -40.51, -1.19 |
| CIELCh | 75, 40.529, 181.683 |
| Yxy | 48.5474, 0.2450, 0.3572 |
| Android (android.graphics.Color) | 4282895802 (0xFF47CDBA) |
| YUV | 162.7680, 11.4534, -80.4805 |
| Hunter-Lab | 69.6760, -36.6415, 2.7627 |

Details

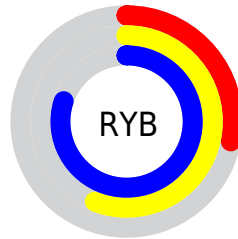
The XYZ color **33.2928, 48.5474, 54.0702** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **29.2772, 18.2252, 11.6495**, and the grayscale version is **34.6775, 36.4834, 39.7305**.

A 20% lighter version of the original color is **61.6185, 82.9991, 96.7772**, and **15.1400, 23.5061, 25.9295** is the 20% darker color. If you saturate the color by 10%, you get **31.7297, 47.7781, 52.4010**, and if you desaturate by 10%, it is **35.3720, 49.5844, 55.7985**.

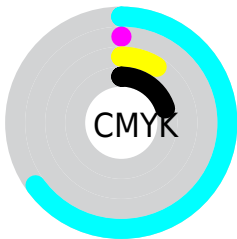
Distribution



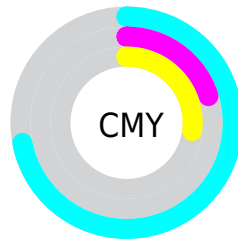
- Red (28%)
- Green (80%)
- Blue (73%)



- Red (28%)
- Yellow (56%)
- Blue (80%)



- Cyan (65%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (72%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2928, 48.5474, 54.0702 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 33.2928, 48.5474, 54.0702 by changing the saturation by 10% instead.

■ 33.2928, 48.5474,
54.0702

■ 33.2928, 48.5474,
54.0702

308.6088,
380.9578, 419.5598

■ 22.5112, 34.2606,
38.2642

■ 64.1840, 88.0189,
97.6348

■ 14.3517, 23.0939,
25.8844

■ 85.0243, 113.9723,
126.2304

■ 8.4490, 14.6628,
16.5122

■ 109.9482,
144.5834, 159.9264

■ 4.4378, 8.5831,
9.7291

■ 139.3210,
180.2366, 199.1412

■ 1.9527, 4.4703,
5.1164

173.5081,
221.3162, 244.2934

■ 0.6072, 1.9399,
2.2558

212.8748,

■ 0.0000, 0.5722,

268.2067, 295.8016

0.7063

257.7866,
321.2924, 354.0842

■ 0.0000, 0.0000,
0.0000

■ 33.2928, 48.5474,
54.0702

■ 33.2928, 48.5474,
54.0702

■ 31.7297, 47.7781,
52.4010

■ 35.3720, 49.5844,
55.7985

■ 30.6250, 47.2432,
50.7848

■ 38.0091, 50.9070,
57.5849

■ 29.9149, 46.9110,
49.2196

■ 41.2464, 52.5384,
59.4326

■ 29.6619, 46.7961,
48.5083

■ 45.1209, 54.4974,
61.3435

■ 49.6665, 56.8018,
63.3193

■ 54.9149, 59.4677,
65.3619

■ 60.8957, 62.5104,
67.4726

■ 67.6367, 65.9442,
69.6531

■ 74.9767, 69.6860,
71.8959

Harmonies

Analogous

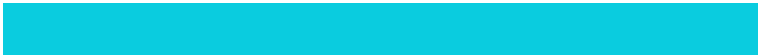
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.6810, 48.5474, 35.7404



33.2928, 48.5474, 54.0702



35.0289, 48.5474, 77.3747

Triad

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



33.2928, 48.5474, 54.0702



54.0549, 48.5474, 95.8463



53.2516, 48.5474, 24.4169

Complementary

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



33.2928, 48.5474, 54.0702



29.2772, 18.2252, 11.6495

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.



59.3893, 48.5474, 34.1615



33.2928, 48.5474, 54.0702



59.8870, 48.5474, 74.7234

Square

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



33.2928, 48.5474, 54.0702



46.5635, 48.5474, 105.1682



61.9352, 48.5474, 51.6677



45.7247, 48.5474, 21.6182

Rectangle

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



33.2928, 48.5474, 54.0702



37.8451, 48.5474, 91.8678



61.9352, 48.5474, 51.6677



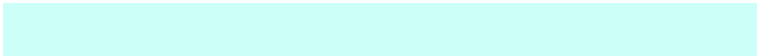
55.5726, 48.5474, 26.8316

Sweetspot

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



33.2942, 48.5493, 54.0713



77.5691, 91.1203, 102.1178



27.2945, 46.3488, 13.4700



16.1584, 19.2782, 21.6611



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.



33.2942, 48.5493, 54.0713



51.2332, 77.8983, 84.8599



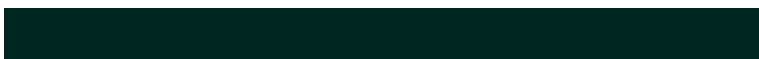
25.8635, 30.2371, 62.2329



11.4722, 12.6986, 14.0440



18.4917, 29.1420, 30.3382



0.9732, 1.5111, 1.6665

Inverse Universe

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



29.2772, 18.2252, 11.6495



44.2713, 24.7429, 10.8929



32.7826, 26.3692, 9.3243



11.2761, 11.2392, 11.9883



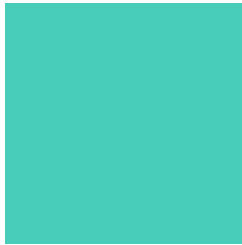
15.8333, 8.1439, 1.5748



0.8383, 0.4287, 0.1943

Previews

White Background



This preview shows how the XYZ color 33.2928, 48.5474, 54.0702 looks on a white background.

Color Contrast Check

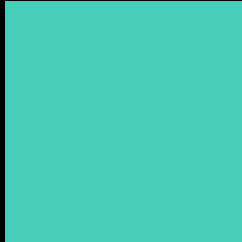
Large Text (above 18pt) WCAG AA × Fail

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 33.2928, 48.5474, 54.0702 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

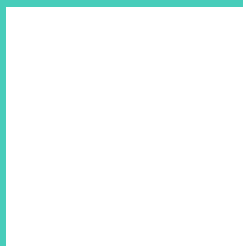
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2928, 48.5474, 54.0702

Background



This preview shows how black text looks on a background with the XYZ color 33.2928, 48.5474, 54.0702.

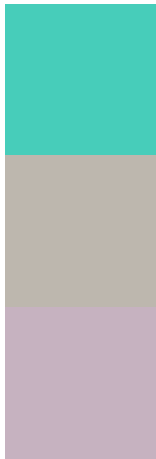


This preview shows how white text looks on a background with the XYZ color 33.2928, 48.5474,

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

33.2928, 48.5474, 54.0702

Protanopia

45.5597, 47.7418, 46.8582

Deuteranopia

48.7235, 47.6523, 56.4990



Tritanopia

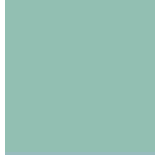
37.1573, 48.7143, 73.0901

Trichromacy



Original Color

33.2928, 48.5474, 54.0702



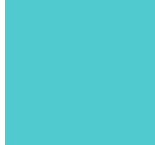
Protanomaly

38.5207, 46.5869, 49.0814



Deuteranomaly

40.2264, 46.3595, 55.5433



Tritanomaly

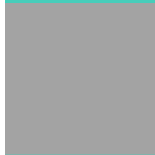
35.5694, 48.4028, 65.8605

Monochromacy



Original Color

33.2928, 48.5474, 54.0702



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.4770, 39.5269, 44.4458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2928, 48.5474, 54.0702 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(71, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(71, 205, 186)  
}
```

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(71, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 205, 186) }
```

Border

The CSS property to change the border of an element to XYZ 33.2928, 48.5474, 54.0702 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(71, 205, 186) }
```


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

```
.border{ border-color:rgb(71, 205, 186) }
```

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

Here you see how a box with a 4 pixel rgb(71, 205, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(71, 205,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2928, 48.5474, 54.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 205, 186) }
```

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

```
.background{ background-color: rgb(71, 205,  
186) }
```

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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