

Converting Colors

XYZ(35.1157, 46.5937, 43.7002)

Have a look what the booklet for
XYZ(35.1157, 46.5937, 43.7002)
contains.

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Color

**XYZ(35.1724, 46.6298,
43.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC4A7
RGB	125, 196, 167
RGB Percent	49%, 77%, 65%
CMY	0.5098, 0.2314, 0.3451
CMYK	0.36, 0.00, 0.15, 0.23
HSL	155°, 38%, 63%
HSV	155°, 36%, 77%
XYZ	35.1724, 46.6298, 43.7059
YIQ	171.4650, -33.0070, -24.0710

Conversions

Conversions Part 2

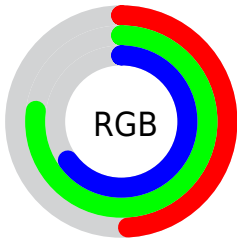
Format	Color
RYB	125, 170, 196
Decimal	8242343
CIELab	73.95, -28.76, 7.56
CIELCh	74, 29.732, 165.276
Yxy	46.6298, 0.2802, 0.3715
Android (android.graphics.Color)	4286432423 (0xFF7DC4A7)
YUV	171.4650, -2.2012, -40.7498
Hunter-Lab	68.2860, -27.5597, 9.8521

Details

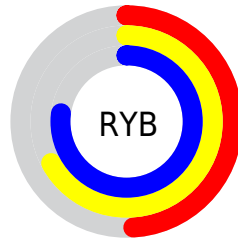
The XYZ color **35.1724, 46.6298, 43.7059** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9328, 28.7372, 34.2266**, and the grayscale version is **38.9662, 40.9955, 44.6441**.

A 20% lighter version of the original color is **67.1325, 85.2278, 82.0196**, and **15.4400, 21.9615, 19.6449** is the 20% darker color. If you saturate the color by 10%, you get **31.8714, 45.0122, 39.8072**, and if you desaturate by 10%, it is **39.0865, 48.5606, 47.8745**.

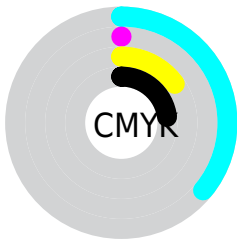
Distribution



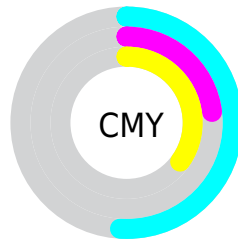
- Red (49%)
- Green (77%)
- Blue (65%)



- Red (49%)
- Yellow (67%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)




- Cyan (51%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1724, 46.6298, 43.7059 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 35.1724, 46.6298, 43.7059 by changing the saturation by 10% instead.


 35.1724, 46.6298,
43.7059


 35.1724, 46.6298,
43.7059


316.8233,
373.3349, 377.5129


 23.9628, 32.7431,
30.1039


 67.0850, 85.1608,
82.0728

 15.4306, 21.9297,
19.6647


 88.5188, 110.5738,
107.6747

 9.2105, 13.8053,
11.9699


 114.0914,
140.5978, 138.1136

 4.9369, 7.9853,
6.6009

144.1681,
175.6170, 173.8082

 2.2447, 4.0856,
3.1392

179.1142,
216.0160, 215.1768

 0.7661, 1.7215,
1.1661

219.2953,

 0.0000, 0.4375,

262.1790, 262.6382

0.0000

265.0765,
314.4905, 316.6107

■ 0.0000, 0.0000,
0.0000

■ 35.1724, 46.6298,
43.7059

■ 35.1724, 46.6298,
43.7059

■ 31.8714, 45.0122,
39.8072

■ 39.0865, 48.5606,
47.8745

■ 29.1453, 43.6845,
36.1694

■ 43.6412, 50.8151,
52.3155

■ 26.9577, 42.6294,
32.7874

■ 48.8670, 53.4100,
57.0354

■ 25.2663, 41.8250,
29.6545

■ 54.7912, 56.3595,
62.0395

■ 24.0216, 41.2461,
26.7639

■ 61.4398, 59.6767,
67.3328

■ 23.1610, 40.8603,
24.1077

■ 68.8371, 63.3741,
72.9203

■ 22.8898, 40.7411,
23.1627

■ 74.3061, 66.0716,
78.6804

■ 75.4117, 66.5139,
84.5028

■ 76.5692, 66.9769,
90.5978

Harmonies

Analogous

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



37.4635, 46.6298, 32.8711



35.1724, 46.6298, 43.7059



35.1942, 46.6298, 58.8603

Triad

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



35.1724, 46.6298, 43.7059



47.0611, 46.6298, 84.4712



51.8892, 46.6298, 32.7226

Complementary

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



35.1724, 46.6298, 43.7059



35.9328, 28.7372, 34.2266

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.



54.9015, 46.6298, 43.4607



35.1724, 46.6298, 43.7059



51.9663, 46.6298, 74.2168

Square

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



35.1724, 46.6298, 43.7059



41.7789, 46.6298, 84.5734



54.9308, 46.6298, 58.5612



46.9625, 46.6298, 27.4432

Rectangle

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



35.1724, 46.6298, 43.7059



36.5067, 46.6298, 69.5714



54.9308, 46.6298, 58.5612



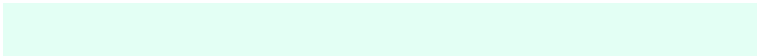
53.1760, 46.6298, 35.7065

Sweetspot

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



35.1737, 46.6317, 43.7070



83.6825, 94.3467, 99.0243



36.8808, 47.8899, 26.7026



17.6348, 20.0567, 20.9442



0.0000, 0.0000, 0.0000



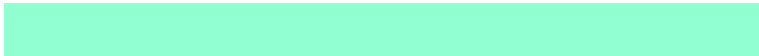
20.3446, 21.4041, 23.3091

Same Dimension

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



35.1737, 46.6317, 43.7070



59.1580, 82.2353, 73.8659



36.8542, 45.2104, 59.0108



10.1888, 11.3566, 11.9975



14.7507, 26.1943, 15.1120



0.6708, 1.1452, 0.8294

Inverse Universe

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



35.9328, 28.7372, 34.2266



60.7284, 45.3417, 54.3458



34.5731, 29.4278, 23.2606



10.2399, 10.1446, 11.3540



15.5997, 7.9296, 5.8042



0.7082, 0.3563, 0.4308

Previews

White Background



This preview shows how the XYZ color 35.1724, 46.6298, 43.7059 looks on a white background.

Color Contrast Check

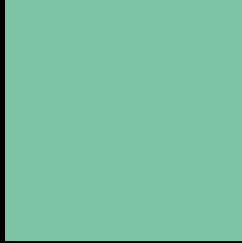
Large Text (above 18pt) WCAG AA × Fail

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 35.1724, 46.6298, 43.7059 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

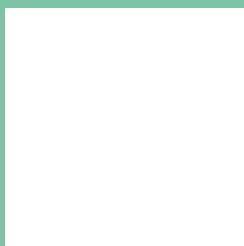
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1724, 46.6298, 43.7059

Background



This preview shows how black text looks on a background with the XYZ color 35.1724, 46.6298, 43.7059.

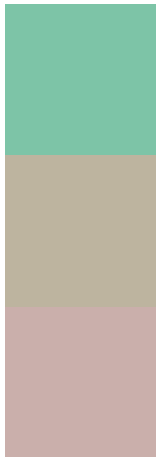


This preview shows how white text looks on a background with the XYZ color 35.1724, 46.6298,

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

35.1724, 46.6298, 43.7059

Protanopia

43.5655, 45.9645, 39.3768

Deuteranopia

47.0378, 46.1568, 44.9581



Tritanopia

39.6029, 46.7862, 65.3359

Trichromacy



Original Color

35.1724, 46.6298, 43.7059

Protanomaly

39.8064, 45.8334, 40.9311

Deuteranomaly

41.6447, 45.7679, 44.6694

Tritanomaly

37.9445, 46.7710, 56.8970

Monochromacy



Original Color

35.1724, 46.6298, 43.7059

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.9034, 42.4148, 44.2721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1724, 46.6298, 43.7059 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(125, 196, 167)` looks like.

```
.text, #text, p{  
    color:rgb(125, 196, 167)  
}
```

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(125, 196, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 196, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.1724, 46.6298, 43.7059 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(125, 196, 167) }
```


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

```
.border{ border-color:rgb(125, 196, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 196, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 196, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 196, 167);  
box-shadow:4px 4px 4px 4px rgb(125, 196,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1724, 46.6298, 43.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 196, 167) }
```

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

```
.background{ background-color: rgb(125,  
196, 167) }
```

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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