

Converting Colors

XYZ(35.6281, 47.5168, 44.4633)

Have a look what the booklet for
XYZ(35.6281, 47.5168, 44.4633)
contains.

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Color

**XYZ(35.5741, 47.5004,
44.3393)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC6A8
RGB	124, 198, 168
RGB Percent	49%, 78%, 66%
CMY	0.5137, 0.2235, 0.3412
CMYK	0.37, 0.00, 0.15, 0.22
HSL	156°, 39%, 63%
HSV	156°, 37%, 78%
XYZ	35.5741, 47.5004, 44.3393
YIQ	172.4540, -34.4740, -25.0180

Conversions

Conversions Part 2

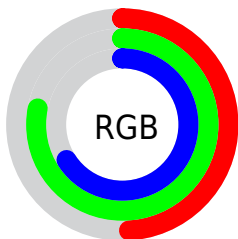
Format	Color
RYB	124, 170, 198
Decimal	8177320
CIELab	74.51, -29.79, 7.81
CIElCh	75, 30.799, 165.316
Yxy	47.5004, 0.2792, 0.3728
Android (android.graphics.Color)	4286367400 (0xFF7CC6A8)
YUV	172.4540, -2.1958, -42.4942
Hunter-Lab	68.9205, -28.4762, 10.1008

Details

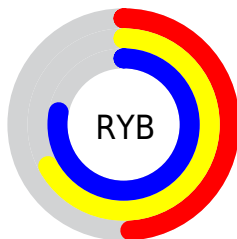
The XYZ color **35.5741, 47.5004, 44.3393** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.3306, 28.7553, 34.2091**, and the grayscale version is **39.4671, 41.5225, 45.2180**.

A 20% lighter version of the original color is **67.6697, 86.4314, 82.9284**, and **15.7242, 22.5471, 20.0463** is the 20% darker color. If you saturate the color by 10%, you get **32.2702, 45.8822, 40.4011**, and if you desaturate by 10%, it is **39.5014, 49.4371, 48.5498**.

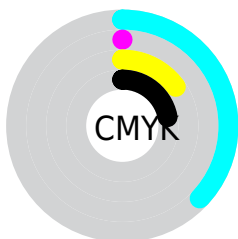
Distribution



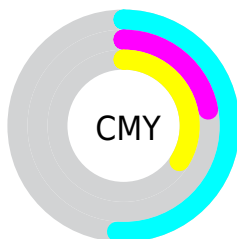
- Red (49%)
- Green (78%)
- Blue (66%)



- Red (49%)
- Yellow (67%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5741, 47.5004, 44.3393 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 35.5741, 47.5004, 44.3393 by changing the saturation by 10% instead.

■ 35.5741, 47.5004,
44.3393

■ 35.5741, 47.5004,
44.3393

318.5590,
376.8084, 380.1729

■ 24.2740, 33.4314,
30.5982

■ 67.7024, 86.4601,
83.0360

■ 15.6629, 22.4571,
20.0372

■ 89.2613, 112.1196,
108.8286

■ 9.3752, 14.1932,
12.2377

■ 114.9705,
142.4113, 139.4755

■ 5.0458, 8.2552,
6.7813

145.1954,
177.7198, 175.3952

■ 2.3092, 4.2586,
3.2493

180.3014,
218.4294, 217.0063

■ 0.7994, 1.8193,
1.2233

220.6537,

■ 0.0000, 0.4991,

264.9244, 264.7272

0.0000

266.6178,
317.5893, 318.9766

■ 0.0000, 0.0000,
0.0000

■ 35.5741, 47.5004,
44.3393

■ 35.5741, 47.5004,
44.3393

■ 32.2702, 45.8822,
40.4011

■ 39.5014, 49.4371,
48.5498

■ 29.5502, 44.5585,
36.7259

■ 44.0806, 51.7033,
53.0350

■ 27.3764, 43.5113,
33.3087


■ 49.3431, 54.3162,
57.8015

■ 25.7046, 42.7178,
30.1426


■ 55.3174, 57.2903,
62.8547


■ 24.4832, 42.1515,
27.2207


■ 62.0298, 60.6394,
68.1997

 23.6403, 41.7756,
24.5347

 69.5058, 64.3763,
73.8415

 23.4488, 41.6915,
23.8663

 74.9159, 67.0423,
79.6514

 76.0320, 67.4887,
85.5287

 77.2003, 67.9560,
91.6806

Harmonies

Analogous

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



37.9640, 47.5004, 33.0364



35.5741, 47.5004, 44.3393



35.6002, 47.5004, 60.2378

Triad

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



35.5741, 47.5004, 44.3393



48.0314, 47.5004, 87.2340



53.0918, 47.5004, 32.8594

Complementary

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



35.5741, 47.5004, 44.3393



36.3306, 28.7553, 34.2091

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.



56.2657, 47.5004, 44.0453



35.5741, 47.5004, 44.3393



53.1848, 47.5004, 76.3805

Square

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



35.5741, 47.5004, 44.3393



42.4912, 47.5004, 87.3580



56.3011, 47.5004, 59.8771



47.9127, 47.5004, 27.3927

Rectangle

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



35.5741, 47.5004, 44.3393



36.9728, 47.5004, 71.5192



56.3011, 47.5004, 59.8771



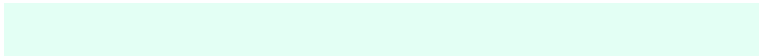
54.4467, 47.5004, 35.9601

Sweetspot

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



35.5754, 47.5023, 44.3404



83.6954, 94.3518, 99.0925



37.3193, 48.7975, 26.5213



17.6379, 20.0580, 20.9605



0.0000, 0.0000, 0.0000



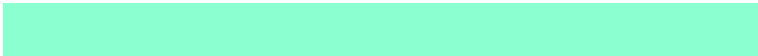
20.3446, 21.4041, 23.3091

Same Dimension

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



35.5754, 47.5023, 44.3404



58.0614, 81.6948, 72.6915



37.3198, 45.9903, 60.3384



10.7577, 11.9920, 12.6741



15.2920, 27.1292, 15.7482



0.7593, 1.2987, 0.9312

Inverse Universe

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



36.3306, 28.7553, 34.2091



59.6000, 43.6674, 52.1735



34.9330, 29.4717, 22.9168



10.8091, 10.7070, 11.9780



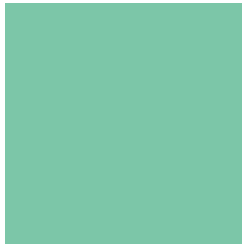
16.1335, 8.2030, 5.9129



0.7996, 0.4027, 0.4681

Previews

White Background



This preview shows how the XYZ color 35.5741, 47.5004, 44.3393 looks on a white background.

Color Contrast Check

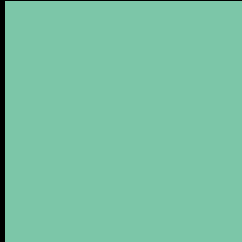
Large Text (above 18pt) WCAG AA × Fail

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 35.5741, 47.5004, 44.3393 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 35.5741, 47.5004, 44.3393

Background



This preview shows how black text looks on a background with the XYZ color 35.5741, 47.5004, 44.3393.

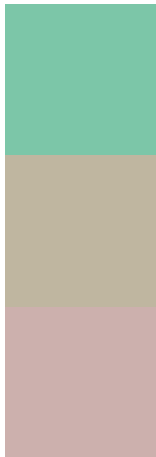


This preview shows how white text looks on a background with the XYZ color 35.5741, 47.5004,

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

35.5741, 47.5004, 44.3393

Protanopia

44.5590, 47.0703, 39.9947

Deuteranopia

47.9700, 46.9052, 46.0605



Tritanopia

39.9077, 47.2399, 66.6894

Trichromacy



Original Color

35.5741, 47.5004, 44.3393

Protanomaly

40.5304, 46.8263, 41.5525

Deuteranomaly

42.1704, 46.3352, 45.2491

Tritanomaly

38.1233, 47.1797, 57.5493

Monochromacy



Original Color

35.5741, 47.5004, 44.3393

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.3921, 42.9566, 44.8488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5741, 47.5004, 44.3393 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(124, 198, 168)` looks like.

```
.text, #text, p{  
    color:rgb(124, 198, 168)  
}
```

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(124, 198, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 198, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.5741, 47.5004, 44.3393 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(124, 198, 168) }
```


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

```
.border{ border-color:rgb(124, 198, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 198, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 198, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 198, 168);  
box-shadow:4px 4px 4px 4px rgb(124, 198,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5741, 47.5004, 44.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 198, 168) }
```

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

```
.background{ background-color: rgb(124,  
198, 168) }
```

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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