

Converting Colors

XYZ(35.4872, 55.7006, 53.2817)

Have a look what the booklet for
XYZ(35.4872, 55.7006, 53.2817)
contains.

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Color

**XYZ(35.4722, 55.6946,
53.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	2FDDB6
RGB	47, 221, 182
RGB Percent	18%, 87%, 71%
CMY	0.8157, 0.1333, 0.2863
CMYK	0.79, 0.00, 0.18, 0.13
HSL	167°, 72%, 53%
HSV	167°, 79%, 87%
XYZ	35.4722, 55.6946, 53.1365
YIQ	164.5280, -91.1850, -49.0170

Conversions

Conversions Part 2

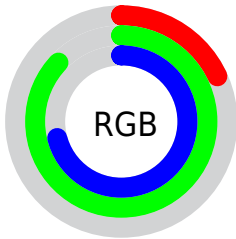
Format	Color
RYB	47, 145, 221
Decimal	3136950
CIELab	79.44, -51.39, 7.09
CIELCh	79, 51.878, 172.145
Yxy	55.6946, 0.2458, 0.3860
Android (android.graphics.Color)	4281327030 (0xFF2FDDB6)
YUV	164.5280, 8.6137, -103.0721
Hunter-Lab	74.6288, -45.7567, 10.0251

Details

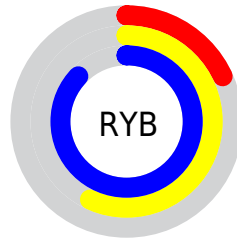
The XYZ color **35.4722, 55.6946, 53.1365** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **32.5169, 18.0785, 10.5820**, and the grayscale version is **35.5316, 37.3820, 40.7090**.

A 20% lighter version of the original color is **59.2187, 81.8306, 93.5627**, and **17.4176, 28.4952, 25.3510** is the 20% darker color. If you saturate the color by 10%, you get **34.1966, 55.0965, 50.4523**, and if you desaturate by 10%, it is **37.2843, 56.5699, 55.9428**.

Distribution



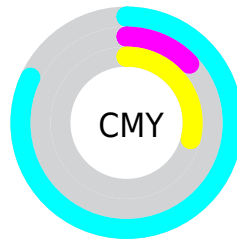
- Red (18%)
- Green (87%)
- Blue (71%)



- Red (18%)
- Yellow (57%)
- Blue (87%)



- Cyan (79%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (82%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4722, 55.6946, 53.1365 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 35.4722, 55.6946, 53.1365 by changing the saturation by 10% instead.


 35.4722, 55.6946,
53.1365


 35.4722, 55.6946,
53.1365


318.1193,
408.5396, 415.8897


 24.1951, 39.9581,
37.5233


 67.5459, 98.5579,
96.2488


 15.6039, 27.5059,
25.3139

 89.0731, 126.4535,
124.5849


 9.3334, 17.9535,
16.0900


 114.7477,
159.1710, 157.9991

 5.0181, 10.9166,
9.4328

 144.9351,
197.0947, 196.9099

 2.2928, 6.0108,
4.9239

 180.0006,
240.6090, 241.7358

 0.7910, 2.8516,
2.1447

220.3096,

 0.0000, 1.0548,

290.0983, 292.8954

0.6422

266.2274,
345.9470, 350.8072

■ 0.0000, 0.0000,
0.0000

■ 35.4722, 55.6946,
53.1365

■ 35.4722, 55.6946,
53.1365

■ 34.1966, 55.0965,
50.4523

■ 37.2843, 56.5699,
55.9428

■ 33.3479, 54.7150,
47.8805

■ 39.6969, 57.7513,
58.8715

■ 33.2524, 54.6728,
47.5609

■ 42.7698, 59.2710,
61.9276

■ 46.5543, 61.1554,
65.1143

■ 51.0964, 63.4281,
68.4348

■ 56.4384, 66.1110,
71.8918

■ 62.6192, 69.2242,
75.4882

■ 69.6752, 72.7862,
79.2265

■ 77.6408, 76.8150,
83.1091

Harmonies

Analogous

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



38.6456, 55.6946, 31.8154



35.4722, 55.6946, 53.1365



36.4688, 55.6946, 84.9337

Triad

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



35.4722, 55.6946, 53.1365



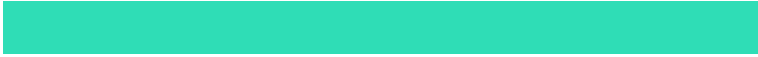
60.8499, 55.6946, 130.7895



66.2014, 55.6946, 25.6933

Complementary

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



35.4722, 55.6946, 53.1365



32.5169, 18.0785, 10.5820

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.



73.7366, 55.6946, 41.4891



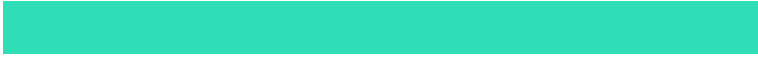
35.4722, 55.6946, 53.1365



70.3754, 55.6946, 103.0875

Square

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



35.4722, 55.6946, 53.1365



50.2460, 55.6946, 137.0515



75.3567, 55.6946, 68.8228



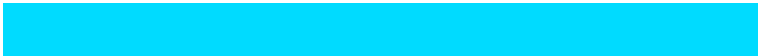
55.7204, 55.6946, 19.7219

Rectangle

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



35.4722, 55.6946, 53.1365



39.4323, 55.6946, 107.8442



75.3567, 55.6946, 68.8228



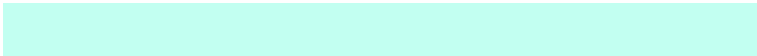
69.2166, 55.6946, 29.7233

Sweetspot

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



35.4738, 55.6968, 53.1378



73.8761, 89.3306, 96.7887



30.3581, 53.9757, 11.5086



15.2643, 18.8453, 20.3525



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.



35.4738, 55.6968, 53.1378



46.5363, 75.8539, 67.6136



29.4775, 36.3316, 73.8681



13.3134, 14.7770, 16.1135



19.3606, 31.7769, 27.8623



1.2856, 2.0712, 1.9701

Inverse Universe

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



32.5169, 18.0785, 10.5820



42.4902, 22.0402, 7.6498



34.2833, 23.4784, 5.4151



13.1750, 13.0991, 14.1826



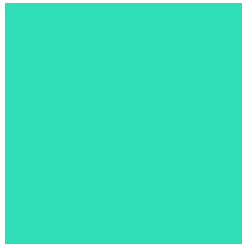
17.6862, 9.0755, 2.7276



1.1786, 0.6011, 0.3494

Previews

White Background



This preview shows how the XYZ color 35.4722, 55.6946, 53.1365 looks on a white background.

Color Contrast Check

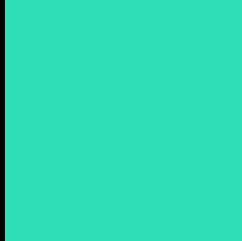
Large Text (above 18pt) WCAG AA × Fail

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 35.4722, 55.6946, 53.1365 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

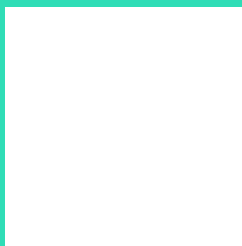
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4722, 55.6946, 53.1365

Background



This preview shows how black text looks on a background with the XYZ color 35.4722, 55.6946, 53.1365.



This preview shows how white text looks on a background with the XYZ color 35.4722, 55.6946,

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

35.4722, 55.6946, 53.1365

Protanopia

51.7598, 54.8365, 44.9023

Deuteranopia

55.7018, 54.6682, 55.7603



Tritanopia

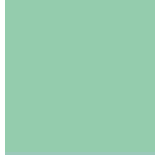
41.7539, 55.5390, 84.8634

Trichromacy



Original Color

35.4722, 55.6946, 53.1365



Protanomaly

41.3484, 52.4988, 47.4891



Deuteranomaly

43.2671, 52.2870, 54.2664



Tritanomaly

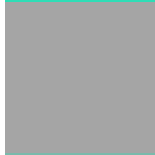
39.2652, 55.6740, 72.2950

Monochromacy



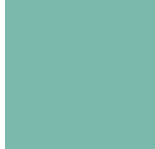
Original Color

35.4722, 55.6946, 53.1365



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

32.7257, 41.7758, 44.8668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4722, 55.6946, 53.1365 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(47, 221, 182)` looks like.

```
.text, #text, p{  
    color:rgb(47, 221, 182)  
}
```

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(47, 221, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 221, 182) }
```

Border

The CSS property to change the border of an element to XYZ 35.4722, 55.6946, 53.1365 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(47, 221, 182) }
```


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

```
.border{ border-color:rgb(47, 221, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 221, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 221, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 221, 182);  
box-shadow:4px 4px 4px 4px rgb(47, 221,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4722, 55.6946, 53.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 221, 182) }
```

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

```
.background{ background-color: rgb(47, 221,  
182) }
```

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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