

Converting Colors

XYZ(35.6332, 42.1875, 55.0973)

Have a look what the booklet for
XYZ(35.6332, 42.1875, 55.0973)
contains.

XYZ(35.5379, 42.0791, 54.9642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.5379, 42.0791,
54.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	84B6BE
RGB	132, 182, 190
RGB Percent	52%, 71%, 75%
CMY	0.4823, 0.2863, 0.2549
CMYK	0.31, 0.04, 0.00, 0.25
HSL	188°, 31%, 63%
HSV	188°, 31%, 75%
XYZ	35.5379, 42.0791, 54.9642
YIQ	167.9620, -32.3680, -8.1120

Conversions

Conversions Part 2

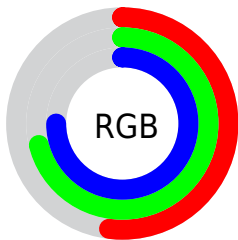
Format	Color
R_{YB}	132, 159, 190
Decimal	8697534
CIE _{Lab}	70.93, -14.47, -9.38
CIE _{LCh}	71, 17.241, 212.940
Yxy	42.0791, 0.2680, 0.3174
Android (android.graphics.Color)	4286887614 (0xFF84B6BE)
YUV	167.9620, 10.8647, -31.5387
Hunter-Lab	64.8684, -15.7292, -4.8296

Details

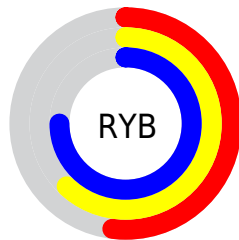
The XYZ color **35.5379, 42.0791, 54.9642** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.7787, 31.3696, 26.0526**, and the grayscale version is **37.1615, 39.0968, 42.5764**.

A 20% lighter version of the original color is **67.7026, 78.3677, 98.7469**, and **15.6739, 19.2121, 26.5491** is the 20% darker color. If you saturate the color by 10%, you get **32.3018, 39.6227, 54.6613**, and if you desaturate by 10%, it is **39.3277, 44.8379, 55.2977**.

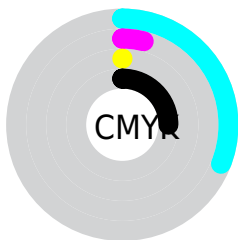
Distribution



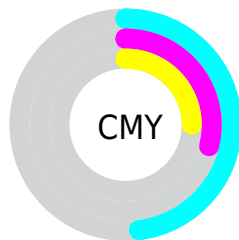
- Red (52%)
- Green (71%)
- Blue (75%)



- Red (52%)
- Yellow (62%)
- Blue (75%)



- Cyan (31%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (48%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5379, 42.0791, 54.9642 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 35.5379, 42.0791, 54.9642 by changing the saturation by 10% instead.

■ 35.5379, 42.0791,
54.9642

■ 35.5379, 42.0791,
54.9642

318.4028,
354.8107, 423.0543

■ 24.2460, 29.1632,
38.9747

■ 67.6468, 78.3193,
98.9591

■ 15.6419, 19.2043,
26.4323

■ 89.1944, 102.4125,
127.8016

■ 9.3604, 11.8180,
16.9187

■ 114.8914,
131.0002, 161.7654

■ 5.0359, 6.6199,
10.0152

145.1030,
164.4668, 201.2692

■ 2.3033, 3.2255,
5.3033

180.1945,
203.1968, 246.7314

■ 0.7964, 1.2506,
2.3645

220.5315,

■ 0.0000, 0.1024,

247.5745, 298.5707

0.7670

266.4791,
297.9844, 357.2055

■ 0.0000, 0.0000,
0.0000

■ 35.5379, 42.0791,
54.9642

■ 35.5379, 42.0791,
54.9642

■ 32.3018, 39.6227,
54.6613

■ 39.3277, 44.8379,
55.2977

■ 29.5861, 37.4484,
54.3848

■ 43.6946, 47.9082,
55.6601

■ 27.3600, 35.5412,
54.1340

■ 48.6653, 51.3048,
56.0538

■ 25.5873, 33.8824,
53.9072

■ 54.2637, 55.0401,
56.4797

■ 24.2274, 32.4510,
53.7026

■ 60.5123, 59.1258,
56.9390

■ 23.2316, 31.2219,
53.5179

■ 67.4326, 63.5731,
57.4326

■ 22.5342, 30.1974,
53.3569

■ 71.2684, 66.4457,
57.7849

■ 71.8818, 67.6725,
57.9894

■ 72.5056, 68.9202,
58.1974

Harmonies

Analogous

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



34.7305, 42.0791, 46.6328



35.5379, 42.0791, 54.9642



37.5354, 42.0791, 61.3903

Triad

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



35.5379, 42.0791, 54.9642



45.1160, 42.0791, 53.3935



39.7124, 42.0791, 31.7702

Complementary

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



35.5379, 42.0791, 54.9642



34.7787, 31.3696, 26.0526

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.



42.5596, 42.0791, 33.1289



35.5379, 42.0791, 54.9642



45.7662, 42.0791, 45.0108

Square

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



35.5379, 42.0791, 54.9642



43.0729, 42.0791, 60.4099



44.8098, 42.0791, 37.7455



37.0672, 42.0791, 33.7865

Rectangle

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



35.5379, 42.0791, 54.9642



39.3201, 42.0791, 63.3693



44.8098, 42.0791, 37.7455



40.6774, 42.0791, 31.8478

Sweetspot

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



35.5392, 42.0808, 54.9652



80.3566, 87.6289, 100.9580



32.6440, 43.6188, 31.4076



17.3697, 19.0517, 22.1472



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.



35.5392, 42.0808, 54.9652



60.1511, 73.0501, 99.2089



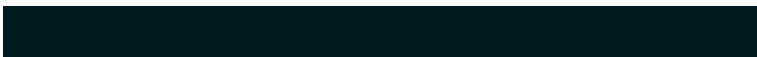
30.2458, 31.4940, 53.2007



9.6934, 10.5791, 12.2033



15.0264, 20.1646, 35.4931



0.6200, 0.8526, 1.4007

Inverse Universe

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



37.9310, 30.8281, 48.2090



65.2977, 49.5405, 84.5134



39.5393, 40.8908, 27.6395



9.8718, 9.6730, 11.7141



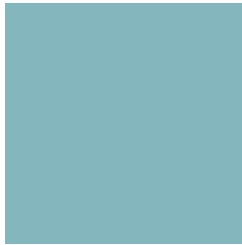
18.5854, 9.0653, 24.1742



0.7438, 0.3614, 1.0303

Previews

White Background



This preview shows how the XYZ color 35.5379, 42.0791, 54.9642 looks on a white background.

Color Contrast Check

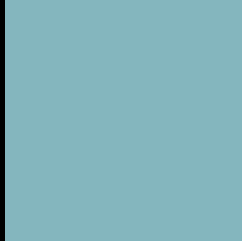
Large Text (above 18pt) WCAG AA × Fail

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 35.5379, 42.0791, 54.9642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

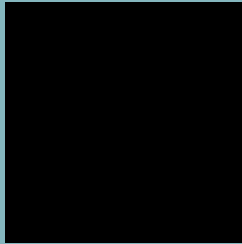
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5379, 42.0791, 54.9642

Background



This preview shows how black text looks on a background with the XYZ color 35.5379, 42.0791, 54.9642.

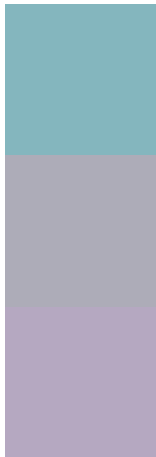


This preview shows how white text looks on a background with the XYZ color 35.5379, 42.0791,

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

35.5379, 42.0791, 54.9642

Protanopia

40.6378, 41.8500, 51.2834

Deuteranopia

42.6843, 41.6793, 56.2473



Tritanopia

36.1605, 42.0198, 58.4293

Trichromacy



Original Color

35.5379, 42.0791, 54.9642

Protanomaly

38.4888, 41.8649, 52.5065

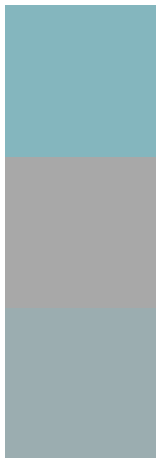
Deuteranomaly

39.5623, 41.4794, 55.7904

Tritanomaly

35.9343, 41.9293, 57.2382

Monochromacy



Original Color

35.5379, 42.0791, 54.9642

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.2976, 39.9903, 46.8801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5379, 42.0791, 54.9642 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(132, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(132, 182, 190)  
}
```

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(132, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 182, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.5379, 42.0791, 54.9642 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(132, 182, 190) }
```


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

```
.border{ border-color:rgb(132, 182, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 182, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(132, 182,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5379, 42.0791, 54.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 182, 190) }
```

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

```
.background{ background-color: rgb(132,  
182, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor