

Converting Colors

XYZ(34.2704, 44.2754, 51.0403)

Have a look what the booklet for
XYZ(34.2704, 44.2754, 51.0403)
contains.

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Color

**XYZ(34.2768, 44.3520,
51.0102)**

Conversions

Conversions Part 1

Format	Color
Hex	74BFB6
RGB	116, 191, 182
RGB Percent	45%, 75%, 71%
CMY	0.5451, 0.2510, 0.2863
CMYK	0.39, 0.00, 0.05, 0.25
HSL	173°, 37%, 60%
HSV	173°, 39%, 75%
XYZ	34.2768, 44.3520, 51.0102
YIQ	167.5490, -41.8110, -18.6990

Conversions

Conversions Part 2

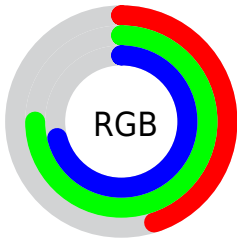
Format	Color
RYB	116, 156, 191
Decimal	7651254
CIELab	72.46, -25.41, -2.81
CIELCh	72, 25.565, 186.310
Yxy	44.3520, 0.2644, 0.3421
Android (android.graphics.Color)	4285841334 (0xFF74BFB6)
YUV	167.5490, 7.1243, -45.2085
Hunter-Lab	66.5973, -24.6735, 1.2049

Details

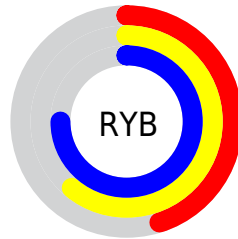
The XYZ color **34.2768, 44.3520, 51.0102** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.4345, 25.0492, 22.5820**, and the grayscale version is **36.9805, 38.9064, 42.3690**.

A 20% lighter version of the original color is **65.7946, 81.9658, 93.2422**, and **14.8947, 20.5004, 23.9408** is the 20% darker color. If you saturate the color by 10%, you get **31.7596, 43.0826, 49.6666**, and if you desaturate by 10%, it is **37.3225, 45.8956, 52.4008**.

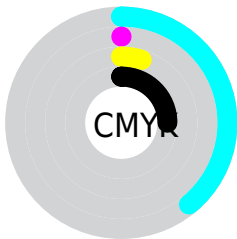
Distribution



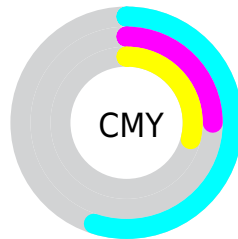
- Red (45%)
- Green (75%)
- Blue (71%)



- Red (45%)
- Yellow (61%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2768, 44.3520, 51.0102 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 34.2768, 44.3520, 51.0102 by changing the saturation by 10% instead.

■ 34.2768, 44.3520,
51.0102

■ 34.2768, 44.3520,
51.0102

312.9288,
364.1428, 407.4511

■ 23.2702, 30.9473,
35.8399

■ 65.7053, 81.7472,
93.0815

■ 14.9150, 20.5587,
24.0219

■ 86.8580, 106.5064,
120.8196

■ 8.8456, 12.8018,
15.1375

■ 112.1234,
135.8194, 153.5841

■ 4.6969, 7.2922,
8.7683

141.8668,
170.0704, 191.7935

■ 2.1035, 3.6455,
4.4956

176.4538,
209.6438, 235.8664

■ 0.6911, 1.4773,
1.9010

216.2495,

■ 0.0000, 0.2727,

254.9241, 286.2213

0.4934

261.6194,
306.2956, 343.2766

■ 0.0000, 0.0000,
0.0000

■ 34.2768, 44.3520,
51.0102

■ 34.2768, 44.3520,
51.0102

■ 31.7596, 43.0826,
49.6666

■ 37.3225, 45.8956,
52.4008

■ 29.7347, 42.0654,
48.3651

■ 40.9223, 47.7233,
53.8366

■ 28.1676, 41.2838,
47.1052


■ 45.1047, 49.8509,
55.3202


■ 27.0177, 40.7169,
45.8848


■ 49.8953, 52.2916,
56.8528


■ 26.2371, 40.3398,
44.7015


■ 55.3179, 55.0577,
58.4356


 25.7399, 40.1085,
43.5512

 61.3954, 58.1609,
60.0697

 25.7067, 40.0931,
43.4678

 68.1492, 61.6122,
61.7563

 70.3369, 62.7092,
63.2501

 70.6075, 62.8175,
64.6752

Harmonies

Analogous

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



34.8577, 44.3520, 39.1775



34.2768, 44.3520, 51.0102



35.6852, 44.3520, 64.1456

Triad

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



34.2768, 44.3520, 51.0102



47.3781, 44.3520, 70.6216



45.6546, 44.3520, 29.2935

Complementary

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



34.2768, 44.3520, 51.0102



31.4345, 25.0492, 22.5820

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.



49.3636, 44.3520, 35.2924



34.2768, 44.3520, 51.0102



50.4062, 44.3520, 58.7202

Square

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



34.2768, 44.3520, 51.0102



43.0940, 44.3520, 76.6720



51.1569, 44.3520, 45.6717



41.2302, 44.3520, 27.9535

Rectangle

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



34.2768, 44.3520, 51.0102



37.6247, 44.3520, 71.4454



51.1569, 44.3520, 45.6717



47.0356, 44.3520, 30.7738

Sweetspot

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



34.2781, 44.3538, 51.0112



78.4790, 88.1088, 98.2892



30.3888, 42.9600, 23.2145



17.0116, 19.2351, 21.5060



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.



34.2781, 44.3538, 51.0112



57.5075, 77.4746, 89.3112



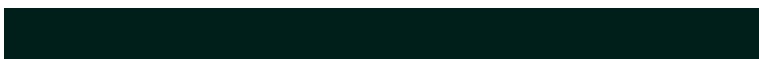
29.7940, 33.8485, 54.2553



9.7579, 10.7893, 11.9748



16.9132, 26.3556, 28.6693



0.6766, 1.0380, 1.1972

Inverse Universe

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



31.4345, 25.0492, 22.5820



51.7251, 38.1420, 31.4438



34.5375, 32.1342, 20.9062



9.5755, 9.5545, 10.1536



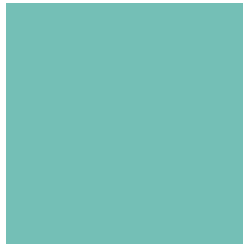
14.2376, 7.3262, 1.2787



0.5732, 0.2932, 0.1318

Previews

White Background



This preview shows how the XYZ color 34.2768, 44.3520, 51.0102 looks on a white background.

Color Contrast Check

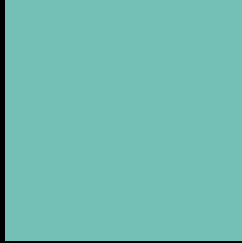
Large Text (above 18pt) WCAG AA × Fail

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 34.2768, 44.3520, 51.0102 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 34.2768, 44.3520, 51.0102

Background



This preview shows how black text looks on a background with the XYZ color 34.2768, 44.3520, 51.0102.

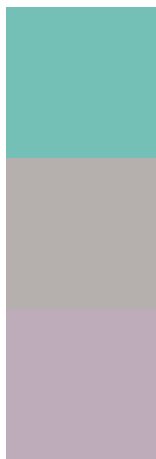


This preview shows how white text looks on a background with the XYZ color 34.2768, 44.3520,

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

34.2768, 44.3520, 51.0102

Protanopia

42.1242, 43.8916, 45.7869

Deuteranopia

44.8507, 43.9974, 52.5828



Tritanopia

36.7888, 44.4158, 63.1340

Trichromacy



Original Color

34.2768, 44.3520, 51.0102

Protanomaly

38.2650, 43.3504, 47.4250

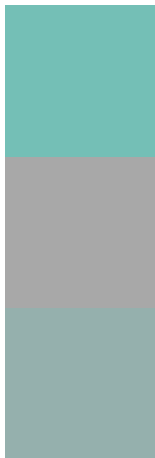
Deuteranomaly

39.9813, 43.5295, 52.1937

Tritanomaly

35.7937, 44.3284, 58.2995

Monochromacy



Original Color

34.2768, 44.3520, 51.0102

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.4626, 40.4574, 45.4751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2768, 44.3520, 51.0102 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(116, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(116, 191, 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(116, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 191, 182) }
```

Border

The CSS property to change the border of an element to XYZ 34.2768, 44.3520, 51.0102 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(116, 191, 182) }
```


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

```
.border{ border-color:rgb(116, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(116, 191,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2768, 44.3520, 51.0102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 191, 182) }
```

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

```
.background{ background-color: rgb(116,  
191, 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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