

Converting Colors

XYZ(32.3074, 47.7150, 43.1489)

Have a look what the booklet for
XYZ(32.3074, 47.7150, 43.1489)
contains.

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Color

**XYZ(32.1720, 47.5032,
43.0707)**

Conversions

Conversions Part 1

Format	Color
Hex	58CBA5
RGB	88, 203, 165
RGB Percent	35%, 80%, 65%
CMY	0.6549, 0.2039, 0.3529
CMYK	0.57, 0.00, 0.19, 0.20
HSL	160°, 53%, 57%
HSV	160°, 57%, 80%
XYZ	32.1720, 47.5032, 43.0707
YIQ	164.2830, -56.3420, -36.1980

Conversions

Conversions Part 2

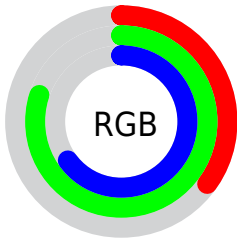
Format	Color
RYB	88, 157, 203
Decimal	5819301
CIELab	74.51, -41.67, 9.24
CIELCh	75, 42.685, 167.502
Yxy	47.5032, 0.2621, 0.3870
Android (android.graphics.Color)	4284009381 (0xFF58CBA5)
YUV	164.2830, 0.3535, -66.9002
Hunter-Lab	68.9226, -37.2934, 11.1946

Details

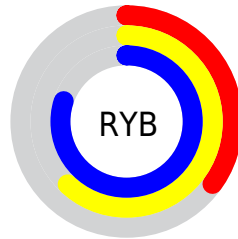
The XYZ color **32.1720, 47.5032, 43.0707** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **31.8859, 21.1836, 22.1488**, and the grayscale version is **35.4402, 37.2858, 40.6043**.

A 20% lighter version of the original color is **60.7109, 82.8904, 80.5098**, and **13.6957, 22.4366, 19.2316** is the 20% darker color. If you saturate the color by 10%, you get **29.9169, 46.4106, 39.8617**, and if you desaturate by 10%, it is **34.9967, 48.8882, 46.4757**.

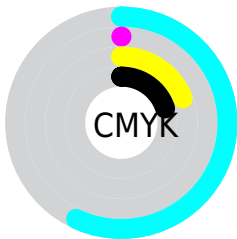
Distribution



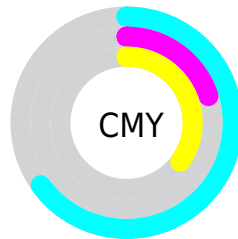
- Red (35%)
- Green (80%)
- Blue (65%)



- Red (35%)
- Yellow (62%)
- Blue (80%)



- Cyan (57%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)





- Cyan (65%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1720, 47.5032, 43.0707 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 32.1720, 47.5032, 43.0707 by changing the saturation by 10% instead.

 32.1720, 47.5032,
43.0707


 32.1720, 47.5032,
43.0707


303.6334,
376.8195, 374.8322


 21.6491, 33.4336,
29.6088


 62.4440, 86.4643,
81.1050


 13.7144, 22.4588,
19.2923


 82.9238, 112.1245,
106.5145

 8.0027, 14.1944,
11.7027

 107.4533,
142.4172, 136.7436

 4.1485, 8.2560,
6.4215

 136.3978,
177.7266, 172.2109

 1.7865, 4.2592,
3.0301

170.1228,
218.4371, 213.3348

 0.5095, 1.8196,
1.1100

208.9934,

 0.0000, 0.4993,

264.9332, 260.5340

0.0000

253.3752,
317.5992, 314.2269

■ 0.0000, 0.0000,
0.0000

■ 32.1720, 47.5032,
43.0707

■ 32.1720, 47.5032,
43.0707

■ 29.9169, 46.4106,
39.8617

■ 34.9967, 48.8882,
46.4757

■ 28.1813, 45.5809,
36.8406

■ 38.4280, 50.5809,
50.0777

■ 26.9128, 44.9885,
34.0035

■ 42.5042, 52.6023,
53.8820

■ 26.0416, 44.5973,
31.3444

■ 47.2591, 54.9697,
57.8927

■ 25.7951, 44.4888,
30.4907

■ 52.7245, 57.6994,
62.1133

■ 58.9297, 60.8066,
66.5477

■ 65.9026, 64.3055,
71.1994

■ 73.6695, 68.2097,
76.0718

■ 76.2388, 69.4303,
80.8867

Harmonies

Analogous

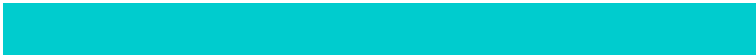
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.0813, 47.5032, 28.0216



32.1720, 47.5032, 43.0707



32.4399, 47.5032, 65.5660

Triad

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



32.1720, 47.5032, 43.0707



49.7556, 47.5032, 103.6797



55.9206, 47.5032, 26.3161

Complementary

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



32.1720, 47.5032, 43.0707



31.8859, 21.1836, 22.1488

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.



60.8106, 47.5032, 39.9798



32.1720, 47.5032, 43.0707



56.9824, 47.5032, 86.0214

Square

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



32.1720, 47.5032, 43.0707



42.0185, 47.5032, 105.2118



61.2199, 47.5032, 61.4626



48.4341, 47.5032, 20.3660

Rectangle

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



32.1720, 47.5032, 43.0707



34.3841, 47.5032, 82.1037



61.2199, 47.5032, 61.4626



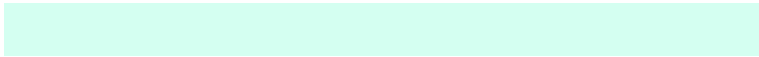
57.9577, 47.5032, 29.9478

Sweetspot

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



32.1733, 47.5051, 43.0718



78.6392, 91.7965, 96.5385



31.7723, 47.8795, 16.8004



16.4678, 19.4667, 20.3654



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.



32.1733, 47.5051, 43.0718



49.3634, 77.3593, 65.5748



31.9114, 40.6001, 62.6568



11.3795, 12.6615, 13.5559



16.4588, 28.3288, 19.6330



0.8833, 1.4751, 1.1928

Inverse Universe

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



31.8859, 21.1836, 22.1488



48.8801, 29.0956, 27.4277



31.6666, 23.9526, 12.1877



11.3627, 11.2738, 12.4444



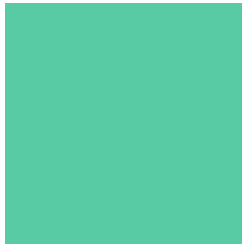
16.3577, 8.3537, 4.3362



0.8789, 0.4450, 0.4083

Previews

White Background



This preview shows how the XYZ color 32.1720, 47.5032, 43.0707 looks on a white background.

Color Contrast Check

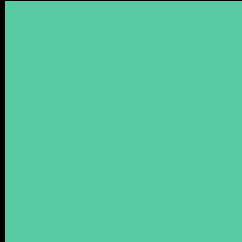
Large Text (above 18pt) WCAG AA × Fail

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 32.1720, 47.5032, 43.0707 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

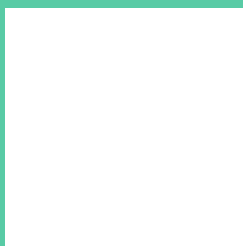
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1720, 47.5032, 43.0707

Background



This preview shows how black text looks on a background with the XYZ color 32.1720, 47.5032, 43.0707.

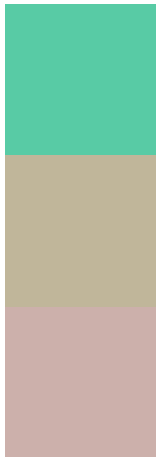


This preview shows how white text looks on a background with the XYZ color 32.1720, 47.5032,

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

32.1720, 47.5032, 43.0707

Protanopia

44.2989, 46.9955, 37.3081

Deuteranopia

47.7779, 46.8283, 45.0487



Tritanopia

37.3325, 47.1764, 69.4257

Trichromacy



Original Color

32.1720, 47.5032, 43.0707



Protanomaly

37.9114, 46.1656, 39.2605



Deuteranomaly

39.6206, 45.6638, 44.2619



Tritanomaly

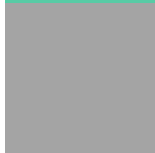
35.3108, 47.3836, 58.9146

Monochromacy



Original Color

32.1720, 47.5032, 43.0707



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

32.7746, 39.7554, 41.0681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1720, 47.5032, 43.0707 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(88, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(88, 203, 165)  
}
```

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(88, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 203, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.1720, 47.5032, 43.0707 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(88, 203, 165) }
```


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

```
.border{ border-color:rgb(88, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(88, 203,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1720, 47.5032, 43.0707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 203, 165) }
```

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

```
.background{ background-color: rgb(88, 203,  
165) }
```

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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