

Converting Colors

XYZ(42.9024, 50.4689, 53.6782)

Have a look what the booklet for
XYZ(42.9024, 50.4689, 53.6782)
contains.

XYZ(42.9009, 50.3960, 53.9206)	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(42.9009, 50.3960,
53.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC4BA
RGB	159, 196, 186
RGB Percent	62%, 77%, 73%
CMY	0.3765, 0.2314, 0.2706
CMYK	0.19, 0.00, 0.05, 0.23
HSL	164°, 24%, 70%
HSV	164°, 19%, 77%
XYZ	42.9009, 50.3960, 53.9206
YIQ	183.7970, -18.8420, -10.9540

Conversions

Conversions Part 2

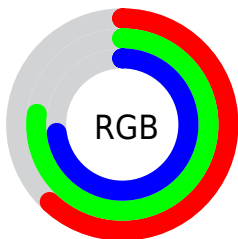
Format	Color
R_{YB}	159, 180, 196
Decimal	10470586
CIE Lab	76.31, -14.35, 0.93
CIE LCh	76, 14.383, 176.309
Yxy	50.3960, 0.2914, 0.3423
Android (android.graphics.Color)	4288660666 (0xFF9FC4BA)
YUV	183.7970, 1.0861, -21.7470
Hunter-Lab	70.9901, -16.3613, 4.6593

Details

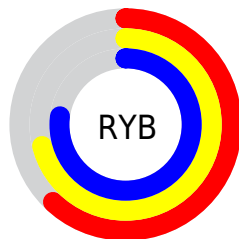
The XYZ color **42.9009, 50.3960, 53.9206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3263, 39.3979, 42.9120**, and the grayscale version is **45.4507, 47.8177, 52.0735**.

A 20% lighter version of the original color is **78.8838, 90.9575, 97.4033**, and **19.9700, 24.1653, 25.8021** is the 20% darker color. If you saturate the color by 10%, you get **38.7655, 48.3293, 50.8417**, and if you desaturate by 10%, it is **47.6764, 52.7929, 57.1407**.

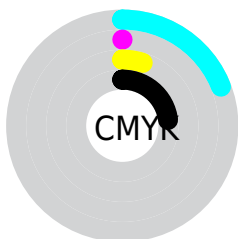
Distribution



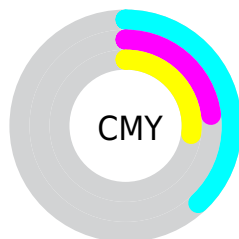
- Red (62%)
- Green (77%)
- Blue (73%)



- Red (62%)
- Yellow (71%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)




- Cyan (38%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9009, 50.3960, 53.9206 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 42.9009, 50.3960, 53.9206 by changing the saturation by 10% instead.

 42.9009, 50.3960,
53.9206


 42.9009, 50.3960,
53.9206


349.1325,
388.2125, 418.9732

 30.0016, 35.7281,
38.1454


 78.8179, 90.7613,
97.4129

 19.9878, 24.2243,
25.7929


 102.5663,
117.2276, 125.9671

 12.4944, 15.5001,
16.4444


130.6618,
148.3955, 159.6180

 7.1559, 9.1711,
9.6814

163.4697,
184.6493, 198.7843

 3.6070, 4.8530,
5.0854

201.3553,
226.3736, 243.8844

 1.4823, 2.1612,
2.2378

244.6841,

 0.3137, 0.6987,

273.9526, 295.3369

0.6961

293.8214,
327.7708, 353.5603

■ 0.0000, 0.0000,
0.0000

■ 42.9009, 50.3960,
53.9206

■ 42.9009, 50.3960,
53.9206

■ 38.7655, 48.3293,
50.8417

■ 47.6764, 52.7929,
57.1407

■ 35.2366, 46.5717,
47.8980

■ 53.1151, 55.5279,
60.5009

■ 32.2843, 45.1088,
45.0879

■ 59.2439, 58.6162,
64.0048

■ 29.8740, 43.9231,
42.4088

■ 66.0871, 62.0704,
67.6546

■ 27.9676, 42.9948,
39.8575

■ 72.9270, 65.5202,
71.4177

■ 26.5216, 42.3015,
37.4308

■ 73.6087, 65.7929,
75.0073

■ 25.4851, 41.8172,
35.1250

■ 74.3125, 66.0744,
78.7136

■ 24.7729, 41.4978,
32.9348

■ 75.0387, 66.3649,
82.5376

■ 24.7002, 41.4655,
32.6958

■ 75.7874, 66.6644,
86.4805

Harmonies

Analogous

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



43.7065, 50.3960, 47.0272



42.9009, 50.3960, 53.9206



43.3927, 50.3960, 61.7339

Triad

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



42.9009, 50.3960, 53.9206



50.2393, 50.3960, 69.3178



50.8395, 50.3960, 43.4020

Complementary

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



42.9009, 50.3960, 53.9206



42.3263, 39.3979, 42.9120

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.



52.7088, 50.3960, 48.5397



42.9009, 50.3960, 53.9206



52.3532, 50.3960, 63.5455

Square

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



42.9009, 50.3960, 53.9206



47.5663, 50.3960, 71.0976



53.2729, 50.3960, 55.8359



48.2350, 50.3960, 41.3255

Rectangle

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



42.9009, 50.3960, 53.9206



44.4005, 50.3960, 66.3479



53.2729, 50.3960, 55.8359



51.5784, 50.3960, 44.8033

Sweetspot

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



42.9023, 50.3981, 53.9217



88.9846, 96.9493, 105.1775



42.4656, 50.4739, 40.3058



18.9109, 20.6831, 22.4268



0.0000, 0.0000, 0.0000



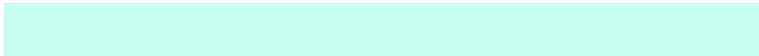
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9023, 50.3981, 53.9217



74.2176, 89.5433, 95.1458



42.2431, 47.3177, 59.1339



10.2486, 11.3805, 12.3123



15.9077, 26.6571, 21.2049



0.7149, 1.1628, 1.0612

Inverse Universe

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



42.3263, 39.3979, 42.9120



72.9685, 65.6618, 71.2510



42.8464, 41.8839, 38.6277



10.1825, 10.1216, 11.0518



15.0714, 7.7183, 3.0224



0.6811, 0.3455, 0.2881

Previews

White Background



This preview shows how the XYZ color 42.9009, 50.3960, 53.9206 looks on a white background.

Color Contrast Check

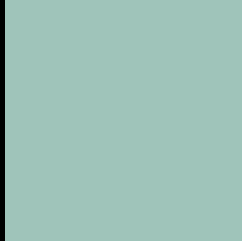
Large Text (above 18pt) WCAG AA × Fail

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 42.9009, 50.3960, 53.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

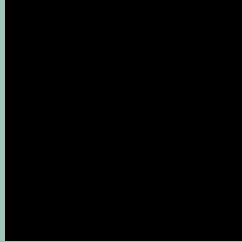
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9009, 50.3960, 53.9206

Background



This preview shows how black text looks on a background with the XYZ color 42.9009, 50.3960, 53.9206.



This preview shows how white text looks on a background with the XYZ color 42.9009, 50.3960,

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

42.9009, 50.3960, 53.9206

Protanopia

48.1031, 50.2143, 50.8731

Deuteranopia

51.0901, 50.1092, 55.1234



Tritanopia

45.5594, 50.4805, 67.0170

Trichromacy



Original Color

42.9009, 50.3960, 53.9206

Protanomaly

46.0168, 50.0696, 52.0388

Deuteranomaly

47.5865, 49.8629, 54.6934

Tritanomaly

44.6174, 50.4351, 62.0269

Monochromacy



Original Color

42.9009, 50.3960, 53.9206

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.4194, 48.5832, 52.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9009, 50.3960, 53.9206 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(159, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(159, 196, 186)  
}
```

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(159, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 196, 186) }
```

Border

The CSS property to change the border of an element to XYZ 42.9009, 50.3960, 53.9206 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(159, 196, 186) }
```


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

```
.border{ border-color:rgb(159, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(159, 196,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9009, 50.3960, 53.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 196, 186) }
```

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

```
.background{ background-color: rgb(159,  
196, 186) }
```

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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