

# Converting Colors

XYZ(43.0028, 53.0575, 60.9631)

Have a look what the booklet for  
XYZ(43.0028, 53.0575, 60.9631)  
contains.

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# Color

**XYZ(42.9986, 53.0566,  
60.7980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FCCC5
RGB	143, 204, 197
RGB Percent	56%, 80%, 77%
CMY	0.4392, 0.2000, 0.2274
CMYK	0.30, 0.00, 0.03, 0.20
HSL	173°, 37%, 68%
HSV	173°, 30%, 80%
XYZ	42.9986, 53.0566, 60.7980
YIQ	184.9630, -34.1090, -15.1090

# Conversions

## Conversions Part 2

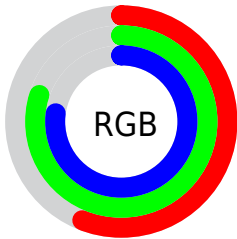
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 175, 204
Decimal	9424069
CIELab	77.91, -20.94, -2.78
CIELCh	78, 21.129, 187.564
Yxy	53.0566, 0.2741, 0.3383
Android (android.graphics.Color)	4287614149 (0xFF8FCCC5)
YUV	184.9630, 5.9342, -36.8016
Hunter-Lab	72.8400, -22.0985, 1.4998

# Details

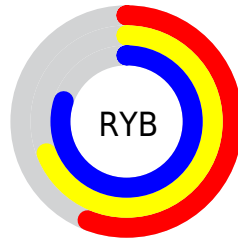
The XYZ color **42.9986, 53.0566, 60.7980** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2312, 34.6858, 33.4309**, and the grayscale version is **46.0764, 48.4759, 52.7903**.

A 20% lighter version of the original color is **76.9381, 90.6815, 107.2141**, and **20.0807, 25.9695, 29.9409** is the 20% darker color. If you saturate the color by 10%, you get **39.5172, 51.2940, 59.2462**, and if you desaturate by 10%, it is **47.1294, 55.1562, 62.4043**.

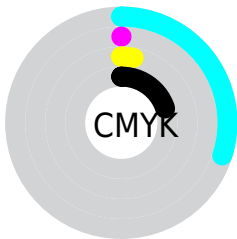
# Distribution



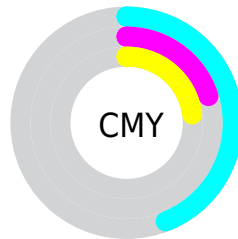
- Red (56%)
- Green (80%)
- Blue (77%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9986, 53.0566, 60.7980 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 42.9986, 53.0566, 60.7980 by changing the saturation by 10% instead.





 42.9986, 53.0566,  
60.7980


 42.9986, 53.0566,  
60.7980


349.5276,  
398.5022, 445.4190

 30.0785, 37.8480,  
43.6327

 78.9645, 94.6876,  
107.5411

 20.0466, 25.8647,  
30.0468


 102.7410,  
121.8788, 137.9559

 12.5374, 16.7225,  
19.6217


130.8670,  
153.8330, 173.6243

 7.1855, 10.0368,  
11.9390

163.7080,  
190.9345, 214.9649

 3.6258, 5.4234,  
6.5801

201.6291,  
233.5678, 262.3960

 1.4927, 2.4977,  
3.1265

244.9959,

 0.3208, 0.8755,

282.1173, 316.3364

1.1596

294.1736,  
336.9673, 377.2046

■ 0.0000, 0.0000,  
0.0000

■ 42.9986, 53.0566,  
60.7980

■ 42.9986, 53.0566,  
60.7980

■ 39.5172, 51.2940,  
59.2462

■ 47.1294, 55.1562,  
62.4043

■ 36.6459, 49.8441,  
57.7434

■ 51.9373, 57.6030,  
64.0629

■ 34.3479, 48.6892,  
56.2891

■ 57.4538, 60.4147,  
65.7767

■ 32.5808, 47.8076,  
54.8811

■ 63.7073, 63.6058,  
67.5470

■ 31.2961, 47.1742,  
53.5170

■ 70.7243, 67.1900,  
69.3752

■ 30.4368, 46.7595,  
52.1941

■ 74.5982, 69.1534,  
71.0786

■ 29.8967, 46.5090,  
50.9074

■ 74.8941, 69.2717,  
72.6368

■ 29.8919, 46.5068,  
50.8949

■ 75.1943, 69.3918,  
74.2176

■ 75.4989, 69.5136,  
75.8212

# Harmonies

## Analogous

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



43.4761, 53.0566, 49.5608



42.9986, 53.0566, 60.7980



44.4245, 53.0566, 72.6834

# Triad

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



42.9986, 53.0566, 60.7980



55.3978, 53.0566, 77.6152



53.5030, 53.0566, 39.2855

# Complementary

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



42.9986, 53.0566, 60.7980



40.2312, 34.6858, 33.4309

# 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.



56.9510, 53.0566, 45.0496



42.9986, 53.0566, 60.7980



58.0857, 53.0566, 66.8382

# Square

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



42.9986, 53.0566, 60.7980



51.4753, 53.0566, 83.2142



58.6689, 53.0566, 54.8435



49.3964, 53.0566, 38.1254



# Rectangle

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



42.9986, 53.0566, 60.7980



46.3106, 53.0566, 79.0368



58.6689, 53.0566, 54.8435



54.7840, 53.0566, 40.7070

# Sweetspot

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



43.0001, 53.0587, 60.7992



86.6836, 95.7356, 106.3096



39.1516, 51.6662, 33.8967



18.2842, 20.3540, 22.6665



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

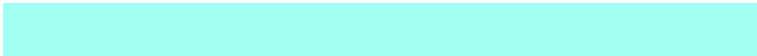


# Same Dimension

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



43.0001, 53.0587, 60.7992



67.3047, 85.8874, 98.9869



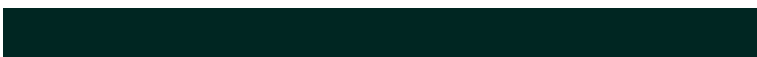
38.6744, 43.0931, 63.4087



11.4856, 12.7040, 14.1148



18.8356, 29.2795, 32.1488



0.9878, 1.5169, 1.7435



# Inverse Universe

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



40.2312, 34.6858, 33.4309



61.9872, 50.5712, 46.4047



43.5676, 42.2343, 31.8434



11.2638, 11.2343, 11.9239



15.7913, 8.1271, 1.3537

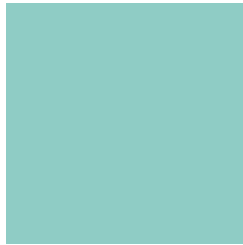


0.8326, 0.4265, 0.1645



# Previews

## White Background



This preview shows how the XYZ color 42.9986, 53.0566, 60.7980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

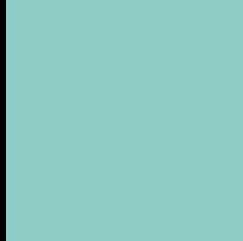
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 42.9986, 53.0566, 60.7980 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

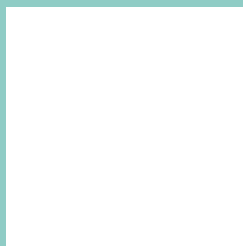
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 42.9986, 53.0566, 60.7980**

## **Background**



This preview shows how black text looks on a background with the XYZ color 42.9986, 53.0566, 60.7980.



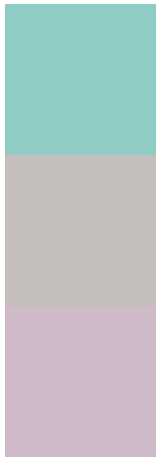
This preview shows how white text looks on a background with the XYZ color 42.9986, 53.0566,



# 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

42.9986, 53.0566, 60.7980

### Protanopia

50.5811, 52.6715, 55.6448

### Deuteranopia

53.5551, 52.4567, 62.5608



## Tritanopia

45.6238, 53.0789, 73.4863

# Trichromacy



## Original Color

42.9986, 53.0566, 60.7980

## Protanomaly

47.3858, 52.6327, 57.5308

## Deuteranomaly

49.0237, 52.3773, 62.1696

## Tritanomaly

44.6074, 53.0052, 68.8527

# Monochromacy



## Original Color

42.9986, 53.0566, 60.7980

## Achromatopsia

46.1135, 48.5150, 52.8328

## Achromatomaly

44.6125, 49.9194, 55.4282

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 42.9986, 53.0566, 60.7980 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(143, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 197)  
}
```

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(143, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 197) }
```

## Border

The CSS property to change the border of an element to XYZ 42.9986, 53.0566, 60.7980 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(143, 204, 197) }
```



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

```
.border{ border-color:rgb(143, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 197);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
197) }
```

# Background

The CSS property to change the background color of an element to XYZ 42.9986, 53.0566, 60.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 197) }
```

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

```
.background{ background-color: rgb(143,  
204, 197) }
```

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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